



Animal Management

Mains, Battery and Solar Energizers
Portable and Permanent Electric Fencing Systems
Wireless Water Level Monitoring
Electronic Heat Detection



An investment in electric fencing is an investment in more profitable farming. It's true that electric fencing takes less time, effort and cost than traditional fencing but it brings most benefit as a powerful pasture management tool. It gives farmers precise control over feed to allow allocation of pasture and other forages through permanent and temporary sub divisions.

Contents

Introduction to Electric Fencing page 4

Energizers

Mains Energizers page 6

Mains Energizers Selection Chart page 7

i Series Energizers page 8

Mains Energizers page 10

Battery Energizers page 18

Battery Energizers Selection Chart page 19

Solar and Solar Kits page 23

Solar Energizer Selection Chart page 24

Solar Panels page 25

Solar Panel Selection Chart page 26

Earthing page 32

Lead Out Cabling page 33

Fencing systems

Permanenet Fencing page 35

Irrigator Crossing System page 42

Gallagher Westonfence page 43

Equine Fencing page 46

Retrofit page 51

Portable Fencing page 54

Exclusion Fencing page 59

Gates page 62

Gate Hardware page 66

Other productivity solutions

Wireless Water Level Monitoring page 68

FlashMate® page 72

Overview of Weighing and EID Systems page 74

We're good listeners

Decades of field expertise and listening to farmers from around the world, means Gallagher understands their unique needs and are committed to creating solutions that open up new opportunities for better farming.



Farm fit guaranteed

All Gallagher products have to overcome the challenges of everyday farming before they even leave the factory. This Energizer is undergoing one of a number of rigorous environmental stress tests, to check it can handle the toughest conditions.





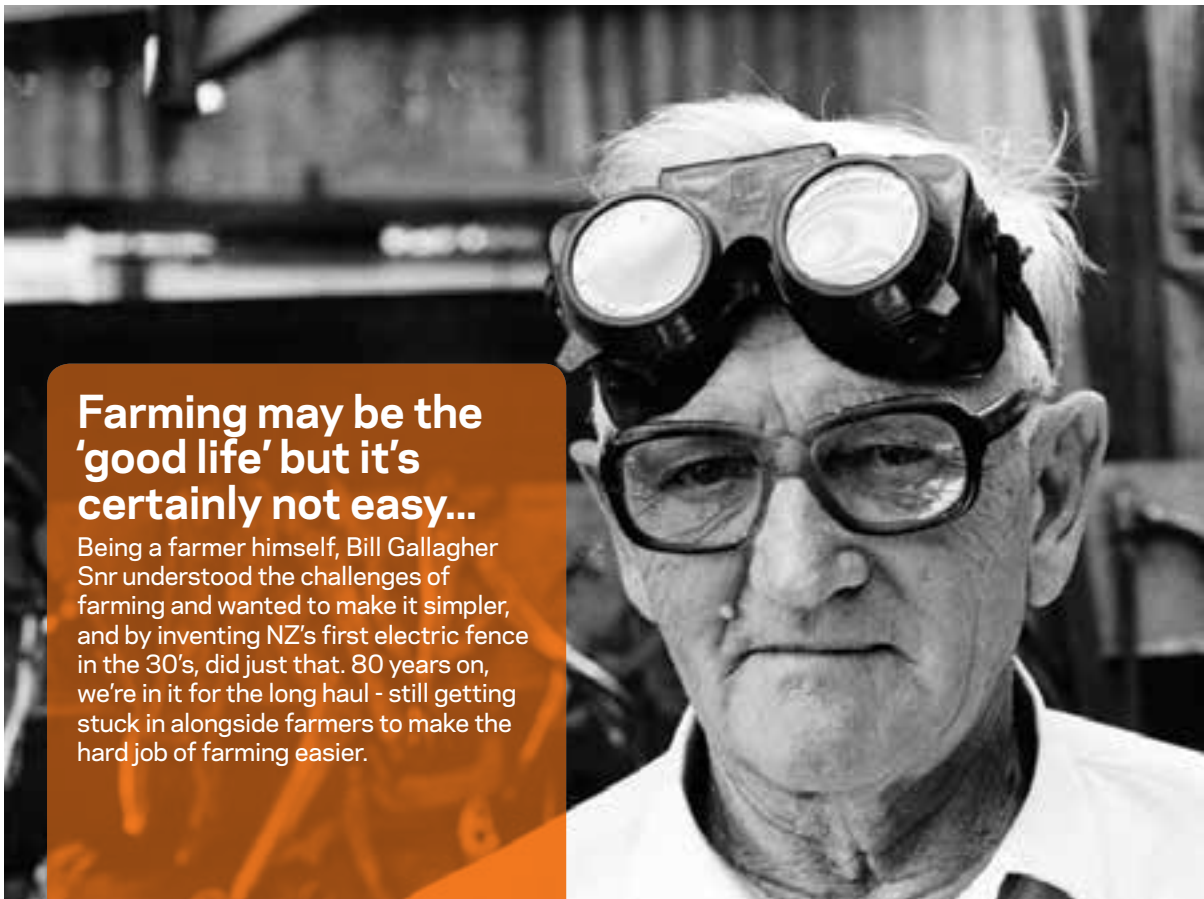
You can do it the hard way... or the Gallagher way

Brilliantly simple solutions that make farm life easier and more profitable - it's what Gallagher does best.



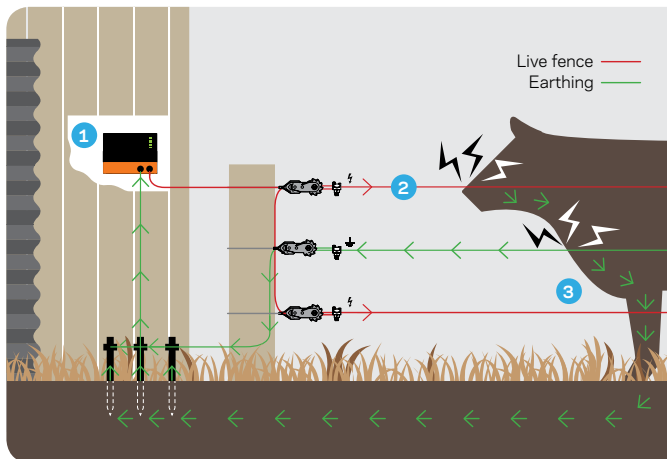
Farming may be the 'good life' but it's certainly not easy...

Being a farmer himself, Bill Gallagher Snr understood the challenges of farming and wanted to make it simpler, and by inventing NZ's first electric fence in the 30's, did just that. 80 years on, we're in it for the long haul - still getting stuck in alongside farmers to make the hard job of farming easier.



Electric Fence systems

An investment in electric fencing is an investment in more profitable farming. It's true that electric fencing takes less time, effort and cost than traditional fencing but it brings most benefit as a powerful pasture management tool. It gives farmers precise control over feed to allow allocation of pasture and other forages through permanent and temporary sub divisions.



Why use electric fencing?

Electric fencing can be used in many different applications: new, purpose built fences for containment or exclusion of large animals; retro fitting an old fence to extend its life or to protect a new conventional fence; feral animal exclusion and temporary fencing for pasture management and animal control.

How Electric Fencing works

A short, safe and memorable shock to create a psychological, as well as a physical, barrier. Every electric fence system is made up of a power source and a fencing system. Selection of these systems depends on farm size, fencing usage and animal type.

The following pages will guide you through the selection process.

- 1 Energizer (power) is connected to the fence and the ground (earth)
- 2 Power is sent along the fence in pulses
- 3 Animal receives a memorable shock when it touches the fence

Profitable

Maximise pasture growth, minimise feed costs.

Safe

Animals remember and develop a respect for the fence.

Durable

Stock pressure on your fence is reduced so it lasts longer.

Easy to install and economical

Less than half the time to build vs a non-electric fence and costs less to build and maintain than a non-electric fence.

Electric Fence product range



Mains Energizers
page 6



Battery Energizers
page 18



Solar and Solar Kits
page 23



Permanent Fencing
page 35



Westonfence
page 43



Equine Fencing
page 46



Retrofit Fencing
page 51



Portable Fencing
page 54



Exclusion Fencing
page 59



Gates
page 62



Wireless Water Monitoring
page 68



FlashMate™
page 72



Energizers

The Fence Energizer delivers power to your fence and when chosen and installed correctly it will control animals over long fence distances. Gallagher have a full range of mains, battery and solar powered Energizers to suit the smallest fence right up to the largest remote fence.

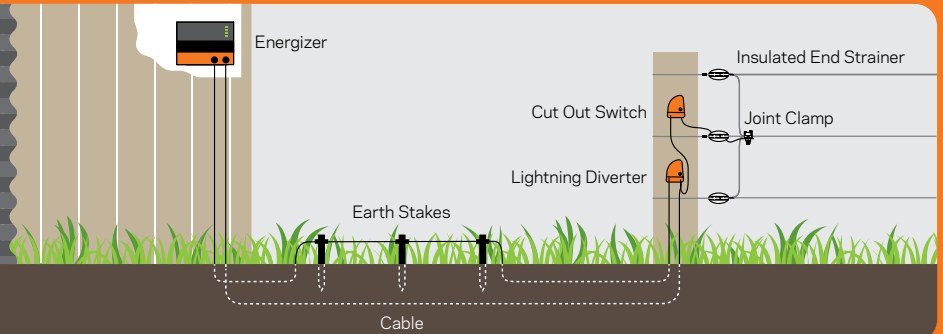
Mains	page 6
Battery	page 18
Solar	page 23
Energizer Accessories	page 31



Mains Energizers

A Mains Energizer is the best choice where reliable mains power is available. All Gallagher Mains Energizers have in-built lightning protection and are tested under extreme conditions to ensure unbeatable reliability - delivering outstanding performance day in and day out.

Example of a mains powered, permanent cattle fence



Mains Energizers Selection chart

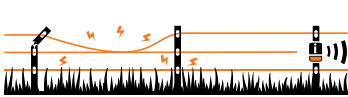
Model	Stored energy* (Joules)	Property size (Ha/Ac)	Single wire distance max length (Km)	Multi-wire distance ideal Aus conditions (Km)	Multi-wire distance typical Aus conditions (Km)	Output energy (Joules)	Key features	Image
M10,000i page 10	100	400/1000	600	200	50	71		
M5800i page 11	58	240/600	420	140	35	40		
MB2800i page 12	28	120/300	240	80	20	15.5		
MB1800i page 13	18	75/190	195	65	17	12.4		
MB1000i page 13	10	40/100	135	45	11	7.7		
M1400 page 15	14	56/140	165	55	14	9.5		
M650 page 16	6.5	26/65	120	40	10	4.3		
M300 page 16	3	12/30	75	25	6	2.0		
M160 page 17	1.6	6/15	42	14	4	0.6		
M50 page 17	0.5	2/5	15	5	1	0.3		
M20 page 17	0.2	1/2.5	6	2	0.5	0.14		

Refer to page 19 for icon references. * Stored energy is the best way to compare Energizers as it's not affected by shorting or poor earthing.
 Note: all Gallagher Mains Energizers can be converted to a solar system using Gallagher recommended 12V inverter, solar panels and battery, providing even more options for remote sites.

The intelligent i Series system – the fence that talks to you.

Gallagher i Series Fence Energizer Systems allow you to quickly and easily monitor your fence performance, informing you of any problems immediately so you can take action to save time and money. Read on to find out how the i Series range can open up the lines of communication between you and your fence.

i Series in action



1

Fence Monitor(s)[^] recognise any significant drop in fence zone or Energizer performance and raise alarms.



2

Alerts are sent to the Energizer Controller, your mobile phone (via optional WiFi Gateway (G56700) and/or optional Alarm System (G57900).



3

The Controller and Remote[#] indicate which zone is in fault. The Remote is used to find the fault within the zone.

i Series products in detail



Mains Energizer



Energizer Controller



Fence Monitor

G51000

Market leading intelligent Energizer system

These reliable and energy efficient Energizers provide incredible fence performance regardless of extreme temperature conditions or unreliable power supply - adjusting power output to suit your fence conditions and minimise power consumption.

- Easy installation and good connection using split bolt recessed terminals
- User safety and reliable animal control with in-built lightning and short circuit protection
- Better fence management with output, earth and fence voltage alarms

Easily monitor and control fence performance

Shows all your fence performance information (eg: voltage, faults and location) in one convenient separate display box that can be placed up to 50m* away from the Energizer itself.

- Displays voltage and current readings at the Energizer and for up to six attached Fence Monitors
- Locate in a convenient spot for instant updates eg: side of the shed
- Locate fault zones quickly and use the Controller to turn the Energizer on/off
- Fully waterproof for indoor or outdoor placement

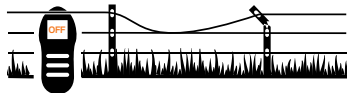
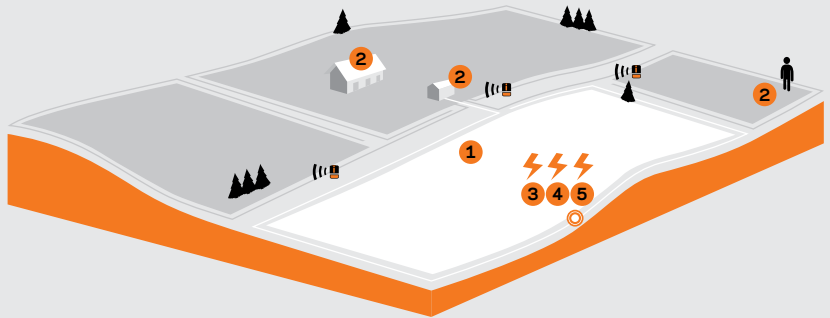
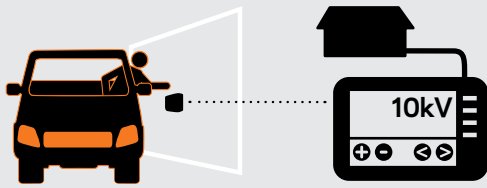
* Three metre cable provided. Extend up to 50m with an additional RJ12 cable.

Divide your fence into zones

Divide your fence into zones for easy monitoring. Add up to six monitors on your fence system to turn it into a fully monitored set up that keeps the Energizer Controller constantly up to date with fence performance.

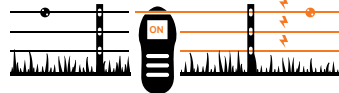
- Permanently install on the fenceline and use across the farm to monitor fence voltage and current at up to six different locations (zones)
- Identifies when any zone has a fault and reports back alarms to Energizer and Energizer Controller
- Locate fault zones quickly and use the Remote/[#] Fault Finder to pinpoint the problem

[^] Requires M10,000i, M5800i, MB2800i, MB1800i or MB1000i.



4

Power to the fence at the fault location is turned off using the Remote#, allowing a safe and convenient repair.



5

Once the fault is repaired, power is restored to the fence and tested using the Remote#.



Energizer Remote and Fault Finder

G50700



WiFi Gateway and Dashboard Fence

G56700



Alarm System

G57900

Easily locate and repair faults

The Remote# pinpoints the fault within the monitored zone and enables you to remotely turn off the Energizer prior to repair and on again once complete.

- Shows fence voltages and current
- Shows Alarm status for the Energizer and the Fence Monitors
- One Remote can be used on multiple Energizers or use multiple Remotes on one (or more) Energizers

Requires M10,000i, M5800i, MB2800i, MB1800i or MB1000i.

Fence performance in your pocket

Get real-time information and alerts from your i Series Energizer on your phone with the Dashboard Fence app.

- View your fence voltage and current readings
- Sends you alarm notifications to your smartphone, if things go astray
- Just connect the i Series WiFi Gateway to your existing i Series Energizer, install the App and subscribe to bring your fence to life
- Requires mains power or inverter, an active internet connection and an active Dashboard Fence subscription
- This product is sold separately

Secure your farm assets

The Alarm System is ideal to use as a security alarm where valuable farm equipment is located.

- Monitor a section of fence and drive a siren (G56902) or alarm panels if the circuit is broken eg: gate opened or a wire cut
- This product is sold separately

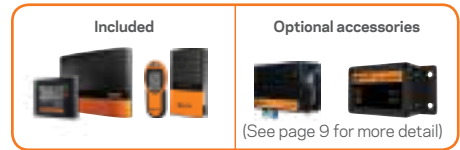
M10,000i

G37910

100
JOULES STORED
ENERGY

400
HECTARES
1000
ACRES

3
YEARS



- Multi-wire distance ideal conditions: 200km
- Multi-wire distance typical Australian conditions: 50km
- Output energy (Joules): 71
- Dimensions: 430mm (w) × 310mm (h)

Refer to page 8 for details



Energizer Remote and Fault Finder with user replaceable battery.

Fence Monitors placed strategically around the farm provide confident animal control and accelerated fence troubleshooting.

Energizer Controller allows fence information to be seen in a convenient location away from the Energizer.

Energy efficient Energizer, adjusts power output to suit your fence conditions.

Reliable and adaptive performance even in extreme conditions

- Consistent fence performance regardless of extreme temperature conditions or unreliable power supply
- Peace of mind assured with quick scan LED fence performance lights: green = fence ok, red light flashing = fence fault, and solid red light = increased fence load
- User safety and reliable animal control with built in lightning protection
- Better fence management with output, earth and fence voltage alarms displayed on the Energizer Controller
- Battery and solar power capability when used with an optional inverter



M5800i

G30810

58
JOULES STORED
ENERGY

240
HECTARES
600
ACRES

3
YEARS

Included	Optional accessories
	(See page 9 for more detail)

- Multi-wire distance ideal conditions: 140km
- Multi-wire distance typical Australian conditions: 35km
- Output energy (Joules): 40
- Dimensions: 430mm (w) x 310mm (h)

Refer to page 8 for details



Energizer Remote and Fault Finder with user replaceable battery.

Fence Monitors placed strategically around the farm provide confident animal control and accelerated fence troubleshooting.

Energizer Controller allows fence information to be seen in a convenient location away from the Energizer (up to 50m).

Energy efficient Energizer, adjusts power output to suit your fence conditions. Battery and solar power capability when used with an optional power inverter (SG5102).



MB2800i

G31502

28
JOULES STORED
ENERGY

120
HECTARES
300
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 80km
- Multi-wire distance typical Australian conditions: 20km
- Output energy (Joules): 15.5
- Dimensions: 344mm (w) x 223mm (h)



Included	Optional accessories
	(See page 9 for more detail)

Refer to page 8 for details

The MB i difference

Farm anywhere with market-leading efficiency and the flexibility of mains, battery or solar. Multi Powered MB i Series Fence Energizers take the intelligent features from the original i Series range and combine them with the choice of mains, battery or solar power options - without the need for an additional inverter.



for an additional inverter, obvious - without the need for an inverter, power choice

Energizer Remote and Fault Finder with user replaceable battery.

Fence Monitors placed strategically around the farm provide confident animal control and accelerated fence troubleshooting.

Energizer Controller allows fence information to be seen in a convenient location away from the Energizer.

Choose to power with mains, battery or solar without the need for an additional inverter.



MB1800i

G31500

18 Joules Stored Energy	75 HECTARES 190 ACRES	3 YEARS
-----------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 65km
- Multi-wire distance typical Aus conditions: 17km
- Output energy (Joules): 12.4
- Dimensions: 344mm (w) × 223mm (h)



Included 	Optional accessories <small>(See pages 8 and 9 for more detail)</small>
--------------	--

Refer to page 8 for details

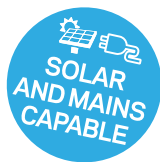


MB1000i

G30100

10 Joules Stored Energy	40 HECTARES 100 ACRES	3 YEARS
-----------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 45km
- Multi-wire distance typical Aus conditions: 11km
- Output energy (Joules): 6.0
- Dimensions: 344mm (w) × 223mm (h)



Included 	Optional accessories <small>(See pages 8 and 9 for more detail)</small>
--------------	--

Refer to page 8 for details



Dashboard Fence

- Shows your fence voltage, current readings, and sends you alarm notifications when things go astray
- Simply connect our new i Series WiFi Gateway box to your existing Gallagher i Series Energizer, install the app and subscribe to our new service to bring your fence to life



Discover daily, weekly or monthly Voltage and Current summaries, including the ability to compare datasets, making fence troubleshooting easy!



View detailed fence zone performance data right from your phone. Check how your fence is performing anywhere you have phone service.



Set custom parameters and be alerted instantly, should there be a problem. Dashboard Fence offers you the peace of mind of knowing your fence is performing.



Simplify fence repair with the ability to remotely power your energizer on or off (and back on again).

WiFi Gateway

G56700



WiFi Gateway and Dashboard Fence

Simply connect the i Series WiFi Gateway to your existing i Series Energizer, install the app and subscribe to receive real time alerts about your fence.



M1400

G32410

14 JOULES STORED ENERGY	56 HECTARES 140 ACRES	3 YEARS
--------------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 55km
- Multi-wire distance typical Aus conditions: 14km
- Output energy (Joules): 11.0
- Dimensions: 268mm(l) x 95mm(w) x 212mm(h)



High efficiency Energizer adaptive control output, delivers class leading performance and stock control.

The LED bar on the front allows you to monitor the condition of the fence. At a glance, the colour of the LEDs communicates if the performance is acceptable, or in need of attention.

Extensive testing and industry leading manufacturing processes provide exceptional reliability under harsh farm conditions.

Reliable animal control is assured with built in lightning protection (Gallagher recommends the use of an external lightning diverter to give increased protection G64800).



M650

G32311



- Multi-wire distance ideal conditions: 40km
- Multi-wire distance typical Australian conditions: 10km
- Output energy (Joules): 4.3
- Dimensions: 176mm(l) x 95mm(w) x 21.7mm(h)



High efficiency Energizer adaptive control output, delivers class leading performance and stock control.

Simple Installation with keyhole mounting for fixing the Energizer to a flat surface and easy-to-use fence terminals make the Energizer hassle free and quick to install.

Extensive testing and industry leading manufacturing processes provide exceptional reliability under harsh farm conditions.

The Energizer is fitted with lightning protection (Gallagher recommends the use of an external lightning diverter to give increased protection G64800).

M300

G38011



- Multi-wire distance ideal conditions: 25km
- Multi-wire distance typical Aus conditions: 6km
- Output energy (Joules): 2.0
- Dimensions: 205mm (w) x 160mm (h)



Check Energizer performance at a glance, using the quick scan output voltage bar graph and green LED confirmation that fence is working normally.

Easy to use, install and service for the first time user, split bolt recessed terminals ensure good connection.

Economical, lightweight, modular design, designed specifically for small farms and paddocks - suitable for first time or hobby farmers.

Reliable animal control is assured with built in lightning protection (Gallagher recommends the use of an external lightning diverter to give increased protection G64800).

M160

G38410

1.6 JOULES STORED ENERGY	6 HECTARES 15 ACRES	3 YEARS
---------------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 14km
- Multi-wire distance typical Aus conditions: 4km
- Output energy (Joules): 0.6
- Dimensions: 140mm (w) × 165mm (h)



M50

G38311

0.5 JOULES STORED ENERGY	2 HECTARES 5 ACRES	3 YEARS
---------------------------------------	---	-------------------

- Multi-wire distance ideal conditions: 5km
- Multi-wire distance typical Aus conditions: 1km
- Output energy (Joules): 0.3
- Dimensions: 140mm (w) x 165mm (h)



M20

G33110

0.2 JOULES STORED ENERGY	1 HECTARES 2.5 ACRES	3 YEARS
---------------------------------------	---	-------------------

- Multi-wire distance ideal conditions: 2km
- Multi-wire distance typical Aus conditions: 0.5km
- Output energy (Joules): 0.14
- Dimensions: 100mm (w) × 150mm (h)



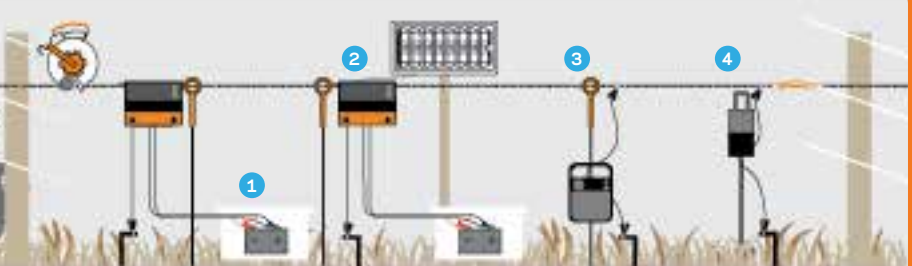


Battery Energizers

A Battery Energizer is ideal for strip grazing, temporary fencing or setting up electric fencing where there is unreliable or no mains power. Check out the Battery Energizer Selection Chart on page 19 for an overview of all Gallagher Battery Energizers.

Example of a temporary internal cattle fence design with different Battery Energizer solutions

- 1 Battery Energizer
- 2 Battery Energizer Solar Conversion
- 3 Integrated Battery (Solar) Energizer
- 4 Replacable 9V Alkaline or D Cell Battery



Model	Internal or external battery	Stored energy* (Joules)	Property size (Ha/Ac)	Single wire distance Max length (Km)	Multi-wire distance ideal Aus conditions (Km)	Multi-wire distance typical Aus conditions (Km)	Output energy (Joules)	Key features	Image
MB2800i page 20	External	28	120/300	240	80	20	15.5		
MB1800i page 20	External	18	75/190	195	65	17	12.4		
MB1000i page 20	External	10	40/100	135	45	11	6.0		
B280 page 21	External	2.8	15/40	90	30	8	2.1		
B180 page 21	External	1.8	10/25	60	20	5	1.3		
B80 page 21	External	0.8	3/8	36	10	2	0.58		
B11 page 22	Internal	0.11	0.5/1.3	3	1	0.3	0.09		
B10 page 22	Internal	0.1	0.5/1.25	2	1	.25	0.08		

* Stored energy is the best way to compare Energizers as it's not affected by shorting or poor earthing.

Reference to icons

Energizer Controller	Adjustable voltage	Fence Monitor capable	Suitable for outdoor use	Portable fencing	Battery save options	Solar powered/solar capable	Mains powered
Remote capable	Output voltage bar graph	Alarm capable	Smart phone notification	Permanent fencing	Battery life check	Rechargeable 12v battery	

20 Battery Energizers MB2800i, MB1800i, MB1000i

MB2800i

G31502

28
JOULES STORED
ENERGY

120
HECTARES
300
ACRES

3
YEARS



- Multi-wire distance ideal conditions: 80km
- Multi-wire distance typical Australian conditions: 20km
- Output energy (Joules): 28
- Dimensions: 344mm (w) × 223mm (h)
- Suitable for fencing all animal types on farms up to 300 acres
- Included - Fence Energizer and Energizer Controller and Fence Monitor and Remote Control



MB1800i

G31500

18
JOULES STORED
ENERGY

75
HECTARES
190
ACRES

3
YEARS



- Multi-wire distance ideal conditions: 65km
- Multi-wire distance typical Aus conditions: 17km
- Output energy (Joules): 18
- Dimensions: 344mm (w) × 223mm (h)
- Suitable for fencing all animal types on farms up to 190 acres



MB1000i

G30100

10
JOULES STORED
ENERGY

40
HECTARES
100
ACRES

3
YEARS



- Multi-wire distance ideal conditions: 45km
- Multi-wire distance typical Aus conditions: 11km
- Output energy (Joules): 10
- Dimensions: 344mm (w) × 223mm (h)
- Suitable for fencing all animal types on farms up to 100 acres



B280

(shown)

G36601

2.8
JOULES STORED
ENERGY

15
HECTARES
40
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 30km
- Multi-wire distance typical Aus conditions: 8km
- Output energy (Joules): 2.1
- Dimensions: 205mm (w) × 160mm (h) × 80mm (d)
- Battery not included

B180

G36401

1.8
JOULES STORED
ENERGY

10
HECTARES
25
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 20km
- Multi-wire distance typical Aus conditions: 5km
- Output energy (Joules): 1.3
- Dimensions: 205mm (w) × 160mm (h) × 80mm (d)
- Battery not included

B80

G36201

0.8
JOULES STORED
ENERGY

3
HECTARES
8
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 10km
- Multi-wire distance typical Aus conditions: 2km
- Output energy (Joules): 0.58
- Dimensions: 205mm (w) × 160mm (h) × 80mm (d)
- Battery not included



Battery save modes

- Random pulse 2.6 x more battery life
- Night save 1.8 x more battery life
- Battery Check
- Off
- Full Power

Easy installation and good connection using split bolt recessed terminals and easy-to-use rotary dial to change Energizer operating functions.

Quick glance battery and fence voltage performance shown on indicator lights.

Battery save modes - Random pulse mode provides 2.6x more battery life and night save mode provides 1.8x more battery life. Battery not included.

Convert to solar operation with a solar package. Refer to the Gallagher Solar and Battery Selection Guide for more information.



B11

G35310

G35311

0.11 Joules Stored Energy	0.5 HECTARES 1.3 ACRES	3 YEARS
-------------------------------------	---	-------------------

- Multi-wire distance ideal conditions: 1km
- Multi-wire distance typical Aus conditions: 0.3km
- Output energy (Joules): 0.09
- Dimensions: 115mm (w) × 220mm (h) (with stand) 115mm (w) × 850mm (h)



Battery powered Energizer with 0.11 Joules of stored energy. Extend battery life with adjustable battery-save options.

Easy to set up and use and lightweight and compact for easy transportation.

Requires 6 'D' batteries or external 12V battery. Batteries not included. 12V battery leads included.

Ideal for strip grazing. Option with stand available for secure operation and simple installation.

B10

G36311

0.1 Joules Stored Energy	0.5 HECTARES 1.25 ACRES	3 YEARS
------------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 1km
- Multi-wire distance typical Australian conditions: 0.25km
- Output energy (Joules): 0.08
- Dimensions: 150mm (w) × 215 mm (h)



Battery powered Energizer with 0.1 Joules stored energy. For multi-wire portable fences up to 1km.

Clips on to Gallagher Poly Wire, Poly Tape or galvanised wire.

Pulse rate slows to conserve battery life as batteries run down.

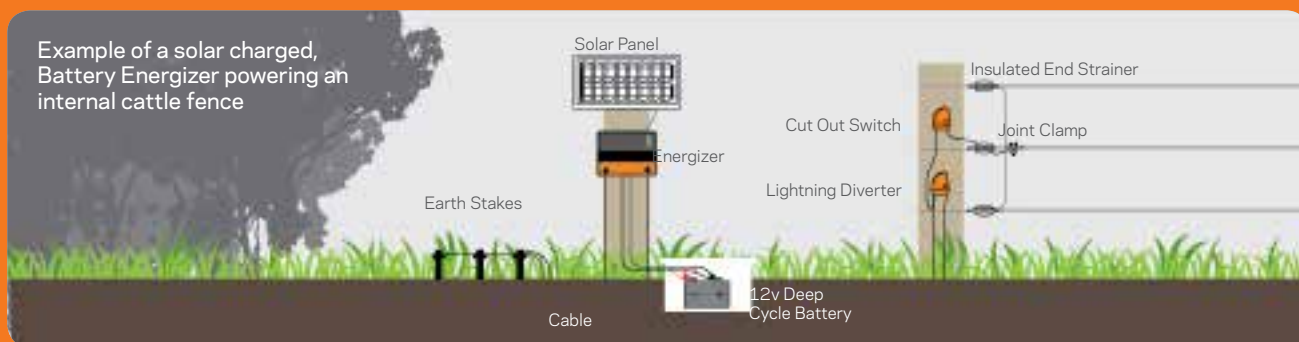
Requires 6 'D' batteries or external 12V battery. Batteries and 12V battery leads (G52100) not included.



Solar and Solar Kits

Choose from a fully integrated Solar Energizer, complete with its own battery, or choose from our range of mains and battery Solar Energizers and conversion kits. High quality, fully tested solar panels provide consistent, reliable power to your Battery Energizer.

Example of a solar charged, Battery Energizer powering an internal cattle fence



Model	Internal or external battery	Stored energy* (Joules)	Property size (Ha/Ac)	Single wire distance max length (Km)	Multi-wire distance ideal Aus conditions (Km)	Multi-wire distance typical Aus conditions (Km)	Output energy (Joules)	Key features	Image
M5800i page 11	External	58	240/600	420	140	35	40		
MB2800i page 12	External	28	120/300	240	80	20	15.5		
MB1800i page 13	External	18	75/190	195	65	17	12.4		
MB1000i page 13	External	10	40/100	80	45	11.25	7.7		
B280 page 21	External	2.8	15/40	90	30	8	2.1		
B180 page 21	External	1.8	10/25	60	20	5	1.3		
B80 page 21	External	0.8	3/8	36	10	2	0.58		
S400 page 28	Internal	4	16/40	90	30	7.5	3.0		
S200 page 28	Internal	2	8/20	60	20	5	1.5		
S100 page 29	Internal	1	4/10	30	10	2.5	0.74		
S40 page 29	Internal	0.4	2/5	15	5	1.5	0.24		
S20 page 30	Internal	0.2	1.2/3	9	3	1	0.15		
S16 page 30	Internal	0.16	1.5/2	4.5	1.5	0.5	0.12		
S10 page 30	Internal	0.1	0.5/1.3	3	1	0.3	0.08		

Refer to page 19 for icon references.

130 Watt Intelligent Solar Panel

G49602



- Compatible with Gallagher MB1000i, MB1800i and MB2800i Multi Powered Fence Energizers
- Solar panel and battery requirement will depend on geographical location - please see next page for details
- Supplied with universal mounting kit and leads



Quick and easy to install. Multiple tilt positions for maximum sun light exposure.

High quality, fully tested 130 Watt Solar Panel Kit supplied with full mounting kit.

Smart battery management technology. The solar regulator has a 3-stage charging algorithm ensuring battery charging is safe efficient and fast.




Simple in-field diagnostics with performance management of the battery, solar panel and energizer viewable on the LCD of the regulator underneath the solar panel.

Multiple install options with all required hardware included



Mounted on steel post Mounted on single wooden post Mounted on wall or similar

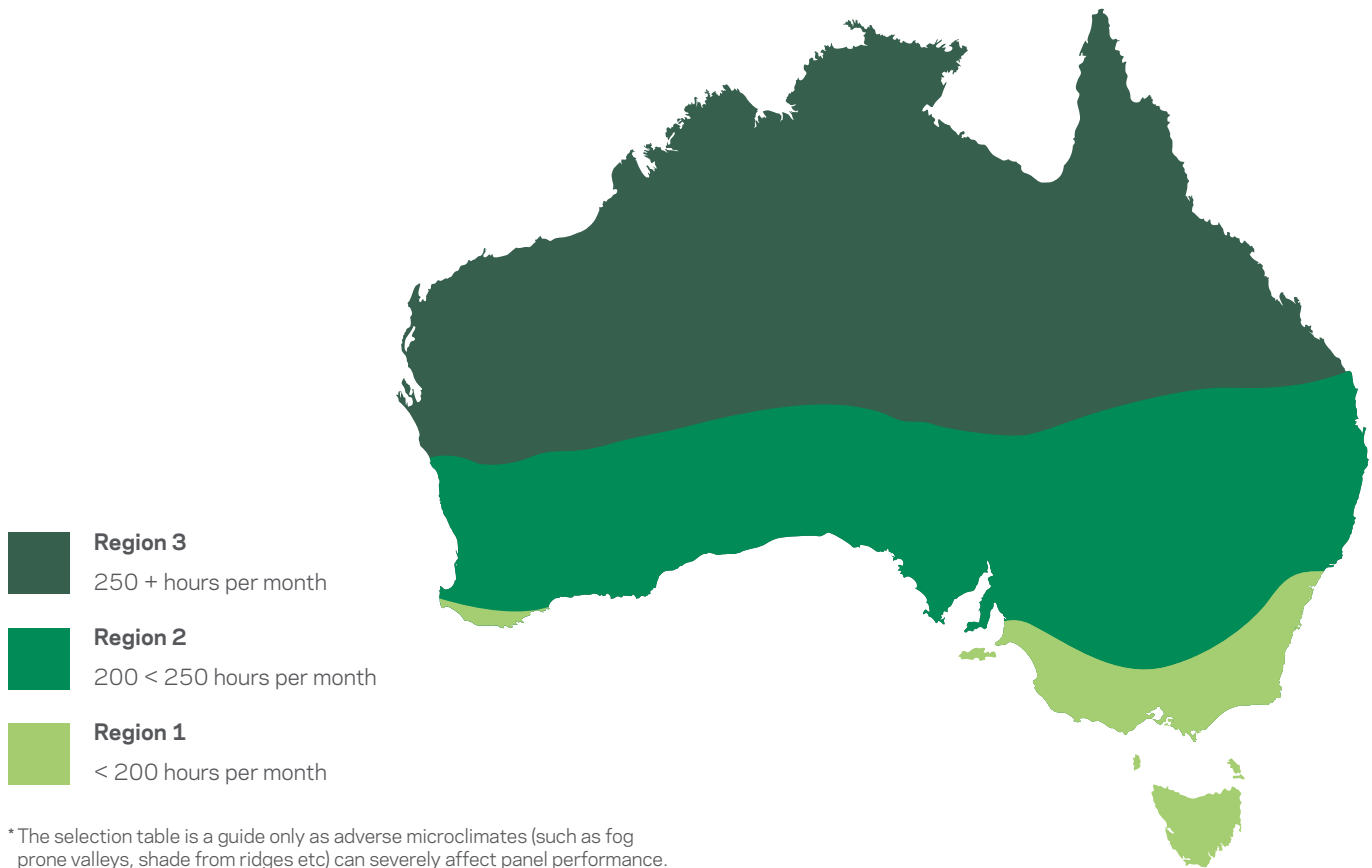
Model	Energizer distance (Multi-wire ideal conditions)	Energizer distance (Typical Aus conditions)	Hectares	High solar regions	Medium solar regions	Low solar regions
				Solar Panel Watts required	Solar Panel Watts required	Solar Panel Watts required
MB2800i	80km	20km	120	1 x 130W	2 x 130W	2 x 130W
MB1800i	65km	17km	75	1 x 130W	1 x 130W	2 x 130W
MB1000i	45km	11.25km	40	1 x 130W	1 x 130W	1 x 130W

Product code and image		Description
M5800i Solar 	Region 3	SG34811 M5800i Fence Energizer (High Solar Kit) includes 3 x 130W Panel and Inverter (SG5102)
	Region 2 requires 4 x 130 Watt Panel	G49602 130 Watt Panel
	Region 1	See your TM
MB2800i Solar 	Region 3	SG34814 MB2800i (High Solar Kit) includes 1 x 130W Panel
	Region 2 Region 1 requires 2 x 130 Watt Panel	SG34814 MB2800i (High Solar Kit) includes 1 x 130W Panel
		G49602 130 Watt Panel
MB1800i Solar 	Region 3 Region 2	SG34813 MB1800i (High Solar Kit) includes 1 x 130W Panel
	Region 1 requires 2 x 130 Watt Panel	SG34813 MB1800i (High Solar Kit) includes 1 x 130W Panel
		G49602 130Watt Panel
MB1000i Solar 	Region 3 Region 2 Region 1	SG34812 MB1000i (High Solar) includes 1 x 130W Panel
		SG34815 MB1000i (High Solar) includes 1 x 130W Panel with Fence Communications
	Region 3	SG34801 B280 (High Solar) includes 1 x 20W Panel
B280 Solar 	Region 2 Region 1 requires 2 x 20W Panel	SG34801 B280 (High Solar) includes 1 x 20W Panel (May require additional regulator depending on area)
		SG48500 20 Watt Panel



Battery and Solar Panel selection*

Energizer	Energizer distance (multi-wire)	Distance Aus conditions	Hectares	High solar / Region 3		Medium solar / Region 2		Low solar / Region 1	
				Solar panel	Battery	Solar panel	Battery	Solar panel	Battery
M10,000i	200km	50km	400	See your Gallagher Territory Manager for recommendations					
M5800i	140km	35km	240	3 x 130W	300ah	4 x 130W	400ah		
MB2800i	80km	20km	120	1 x 130W	150ah	2 x 130W	200ah	2 x 130W	230ah
MB1800i	65km	17km	75	1 x 130W	120ah	1 x 130W	150ah	2 x 130W	180ah
MB1000i	45km	11.25km	40	1 x 130W	100ah	1 x 130W	120ah	1 x 130W	140ah
B280	40km	8km	15	20W	60ah	40W	90ah	40W	90ah



Solar kits

Our base/default solar kits options are for high sunshine regions of more than 250 hours per month. For lower sunshine hours add additional solar panels as per the table above.

Sunshine contour map

This map indicates the levels of sunshine throughout Australia. The amount of solar panels required are dictated by the level of solar available. Identify your region as 1, 2 or 3 and select the right solar kit to add to your Energizer.

Solar panel selection

The size of your solar panel will depend on:

- 1 Energizer size and power setting
- 2 Geographic location (see map above)
- 3 Level of usage (Full year, summer or spring/summer/autumn).

Recommended - deep cycle batteries (Lead acid)

Also known as leisure or marine batteries, deep cycle batteries are designed for steady, continuous use with daily cycling and occasional deep discharges. In these conditions, a life of 3-20 years can be expected. A deep cycle battery will typically last two to four times longer than an automotive battery when used for powering energizers. Select your energizer and solar region in table above and purchase deep cycle batteries to meet your Amp/hour requirements.

S400

G36011

4.0 JOULES STORED ENERGY	16 HECTARES 40 ACRES	3 YEARS
---------------------------------------	---	-------------------

- Multi-wire distance ideal conditions: 30km
- Multi-wire distance typical Aus conditions: 7.5km
- Output energy (Joules): 3.0
- Dimensions: 660mm (w) x 305mm (d) x 472mm (h)



Convenient, fully integrated portable power. This unit comes with integrated solar panel, rechargeable battery, and fence and earth leadset.

Highly portable and robust Energizer, with a convenient carry handle and toughened plastic case designed for outdoor use.

S200

G36010

2.0 JOULES STORED ENERGY	8 HECTARES 20 ACRES	3 YEARS
---------------------------------------	--	-------------------

- Multi-wire distance ideal conditions: 20km
- Multi-wire distance typical Aus conditions: 5km
- Output energy (Joules): 1.5
- Dimensions: 330mm (w) x 305mm (d) x 472mm (h)



Multiple power options ensure optimum battery management. Wildlife control mode and a livestock animal control mode.

Improved solar reliability with split solar panel design - if a panel is obstructed by vegetation or other debris, the battery continues to charge.



Mains recharge capability. Allows battery to be charged by mains power if insufficient sunshine hours are available or for periodic recharge during storage.

360° mounting on steel posts for correct orientation toward the sun, regardless of which way the post is facing.



S100

G34610

1.0
JOULES STORED
ENERGY

4
HECTARES
10
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 10km
- Multi-wire distance typical Aus conditions: 3km
- Output energy (Joules) : 0.74
- Dimensions: 355mm (w) × 310mm (h)



Two operating modes ensure optimum battery usage, even in periods of low sunlight.

The water-resistant case with built-in lightning protection is designed to be left outside, rain, hail or shine. Keeps stock contained in all weather conditions.

S40

G34510

0.4
JOULES STORED
ENERGY

2
HECTARES
5
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 5km
- Multi-wire distance typical Aus conditions: 1.5km
- Output energy (Joules): 0.29
- Dimensions: 215mm (w) × 280mm (h)



Both the S100 and S40 include a power kit, allowing the battery to be charged by mains power if insufficient sunlight hours are available.

Turn on and forget with automated battery management. The Energizer will continue to work for up to three weeks without sunlight. A battery status indicator shows battery health in an instant.



30 Portable Solar Fence Energizers S10, S16, S20

NEW

S10

G34110

0.10
JOULES STORED
ENERGY

0.5
HECTARES
1.3
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 1km
- Multi-wire distance typical Aus conditions: 0.3km
- Output energy (Joules): 0.08
- Dimensions: 170mm (w) × 245mm (h)
- Includes Battery and Lead Set.

S16

(shown)

G34111

0.16
JOULES STORED
ENERGY

0.8
HECTARES
2
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 1.5km
- Multi-wire distance typical Aus conditions: 0.5km
- Output energy (Joules): 0.12
- Dimensions: 170mm (w) × 245mm (h)
- Includes Battery and Lead Set.

S20

G34112

0.20
JOULES STORED
ENERGY

1.2
HECTARES
3
ACRES

3
YEARS

- Multi-wire distance ideal conditions: 3km
- Multi-wire distance typical Aus conditions: 1km
- Output energy (Joules): 1.4
- Dimensions: 170mm (w) × 245mm (h)
- Includes Battery and Lead Set.



360° mounting on Steel posts for correct orientation toward the sun - Allows the Energizer to be mounted on a steel post that is already part of the fence line, regardless of which way the post is facing. Can also be mounted onto vertical wood posts.

Quick to install. Can be set up easily in any location and moved about for strip grazing and better pasture management.

Portable, lightweight and ergonomic design in a tough, shock resistant case that is designed with the rigours of farm life in mind

Turn on and forget. Energizer will continue to work for up to 3 weeks without sun.

Water resistant case with built-in lightning protection. Designed to be left outside - in sun, rain or hail - keeping stock contained in all weather conditions.



Fence Testers and Remotes

Fence Volt/Current Meter and Fault Finder

G50905

Save hours checking fence lines for faults

- Large easy-to-read LCD display shows voltage and current
- Arrow shows direction of fault
- Auto On/Off when fence pulse detected
- Waterproof with up to 3 year life on user replaceable battery



Energizer Remote and Fault Finder

G50700

Quickly and easily locates fence faults

- Once fault located turn the Energizer off remotely to allow safe and convenient fence repair
- Rugged and reliable with a tough, water resistant casing.
- Compatible with i Series Energizers, including MB1000i, MB1800i, MB2800i, M5800i and M10,000i



Fence Volt Meter

G50331

Digital read out for accurate fence voltage measurement.

- Auto On/Off when fence pulse detected



Live Fence Indicator

G51100

Place permanently on your fence and simply look for the LED flash, for instant reassurance that the fence is working.

- No batteries required. Uses power from the fence
- Highly visible LED can be seen during day/ night (up to 1km at night)
- Long life – water and UV resistant
- Simply put earth stake in ground and clip on to fence wire or tape



Fence Volt Indicator

G50100

Simple indicator lights show approximate fence voltage levels.



Cut out switches

Cut Out Switch

G60733

A handy tool that allows a section of permanent fence to be switched off for maintenance or fault finding.

- High quality electrical contacts for long life and designed to handle high voltages
- Highly visible on/off switch for status checking at a glance
- Fully sealed, weatherproof and dirt resistant
- 10 year warranty



Cut Out Switch - Knife

G60770

Heavy duty design. Simply turn power on or off to a selected area.

- Fits securely onto any post. Mounting screws supplied
- Highly visible on/off switch for status checking at a glance
- 1 year warranty



Safety and protection

Flood Gate Controller

G60400

Install on flood gates to prevent significant power loss when the waterway is in flood.



Lightning Diverter

G64800

Gallagher recommends all permanent Energizers should be fitted with a lightning diverter to help protect from lightning damage.



Warning Sign

G602000

A highly visible sign that warns that a fence is electrified. Required by law to be used on boundaries and anywhere else public have access to a fence.



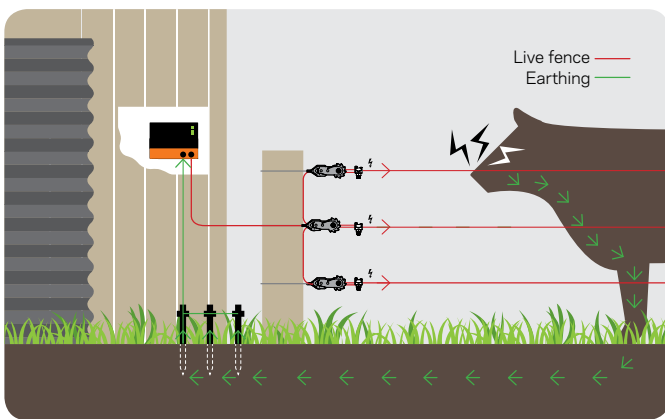
Earthing

Eight out of ten problems are due to improper earthing

Setting up a good earthing system is often overlooked but it's critical. It's how the power flows from the Energizer, to the fence, through the animal and back through the ground to the Energizer. Without good clean earth rods in sufficient size and number the ground connection doesn't work and the shock will not reach the animal.

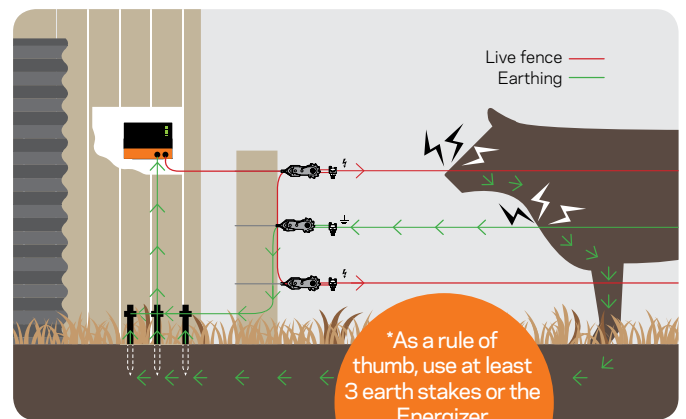
All live wire system wetter regions

For use in greener regions with good ground conductivity. An 'all live system' is where all fence wires connect to the red terminal on the Energizer. A shock is delivered to an animal when it's touching both the ground and the fence at the same time.



Earth return wire system drier regions

For use where the ground struggles to conduct enough power. An 'earth return system' is created where the live and earth wires on the fence create the shock when the animal touches them both at the same time.



*As a rule of thumb, use at least 3 earth stakes or the Energizer Stored Joules rating divided by 5.

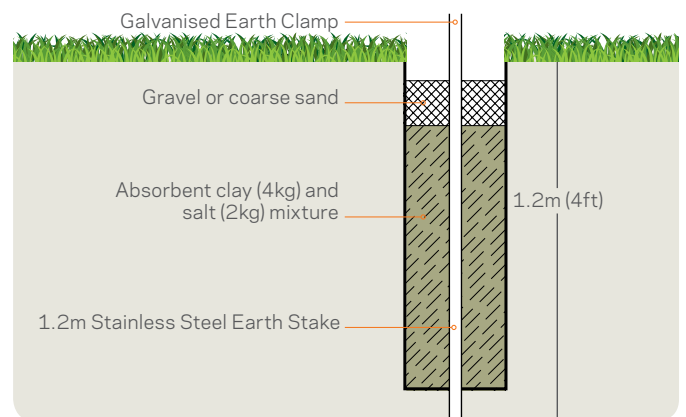
Handy Hint The 4-3-2-1 rule for earth stakes for permanent fencing

- 4** Metres between earth stakes/rods
- 3** Earth stakes/rods minimum*
- 2** Metres minimum length of stakes/rods
- 1** Wire connecting all earth stakes to Energizer earth terminal

Super Earth Kit

G88000

- One Super Earth Kit is equivalent to three earth stakes
- Increases the conductivity of surrounding soil as the salt attracts moisture and the absorbant clay holds the moisture
- Particularly effective in poor earthing soils
- Kit contains: 2kg salt, 4kg Absorbent clay, 1.2m Stainless Steel Earth Stake and a Galvanised Earth Clamp



Earth Clamp

G87601

Heavy duty galvanised clamps for securing cable to earth stakes.



Galvanised Earth Stake 1m

G88061

1m galvanised rod ideal for driving into hard or stoney ground.



Lightning Diverter

G64800

Diverts lightning from the fence to the earth. We recommend all permanent Energizers be fitted with a lightning diverter.

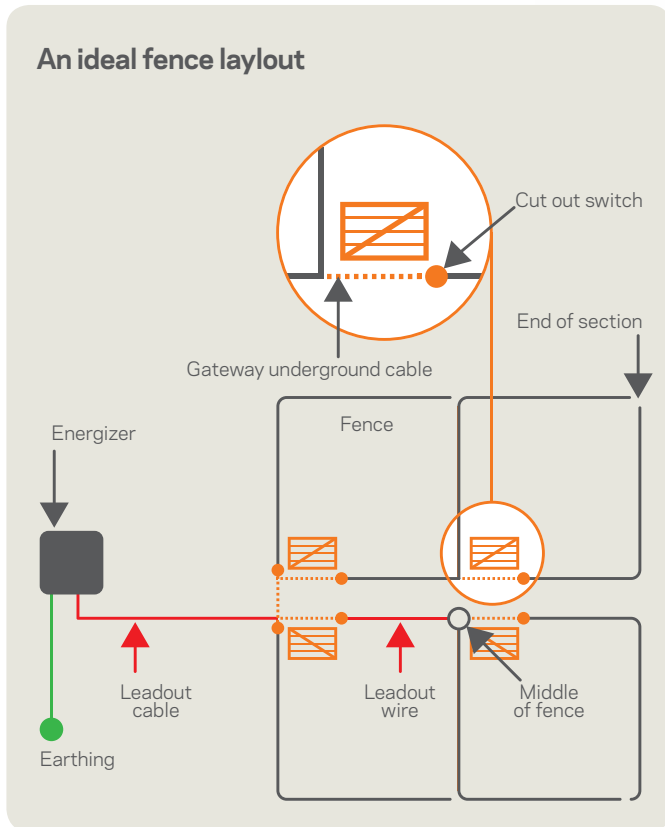


High Conductive Cable

G34110

Ensure optimum power to all parts of the fence

Leadout describes the cable and wire that carries the power from the Energizer to the middle of your fence system. Ensure optimum power distribution to all areas of your fence by choosing the most conductive cable/wire relevant to your fence system.








Use High Conductive Lead Out Wire from start of the fence to middle of the fence system to complete the optimum lead out setup. Use up to 2km.

Heavy duty double insulation with tough polyethylene covering for extra protection and abrasion resistance. Should be laid in plastic pipe for physical protection when used underground.

Low resistance double insulated cable. Recommended for initial lead out lengths (Energizer to start of fence). 8.4 Ohms/km.

2.5mm aluminium coated wire with four times the conductivity of 2.5mm galvanised wire.

Insulated Cable: Energizer to the fence	
Voltage at start of fence 8kV at 2km	
High Conductive Cable (2.5mm) G62792 50m G62793 100m G62794 200m G62796 400m	 6.1kV
Double Insulated Hard Cable G62703 100m	 4.2kV
Double Insulated Soft Cable G62711 25m G62719 60m G62713 100m G62716 400m Ease of stripping	 4.2kV
Double Insulated Soft Cable Dual Strand G62731 30m G62732 70m 	 4.2kV

Calculations based on a heavy fence load (70 ohms).

Wire	
High Conductive Wire G92900 - 1000m	 Aluminium coating for increased conductivity (3 times that of standard 2.5mm wire). High tensile wire for increased strength/life/durability.
Medium Tensile Wire SW25000 - 250m	 2.5mm heavy galvanised, medium tensile fencing wire.
Clamps	
Two options for clamping multiple wires in a secure electrical connection.	
Joint Clamp G60355	 Two options for clamping multiple high tensile wires in a secure electrical connection. Heavily galvanised for durability and long life.
Heavy Duty Joint Clamp G60315	



Fencing Systems

Gallagher have a complete range of permanent, semi-permanent and temporary fencing solutions, suitable for everything from small equine fencing through to remote permanent exclusion fencing solutions. Paired with a Gallagher Energizer, electric fencing forms a safe, reliable barrier for your farm.

Permanent Fencing.....	page 35
Gallagher Westonfence System	page 43
Equine Fencing	page 46
Retro/Offset Fencing	page 51
Portable Fencing	page 54
Exclusion Fencing	page 59
Electric Gates	page 62
Gate Hardware	page 66



Permanent Fencing

Permanent fences use highly conductive, corrosion resistant fence wire with wood, steel or concrete posts and high strength components to keep fences working effectively year after year. They are easy to install and operate, and provide highly effective animal control that lasts.

Example of internal cattle fence design



Extra High Voltage Strain Insulator

G74514



Designed for high powered fencing systems and areas where insulation is critical. Insulation ribs provide 2 x the insulation performance of previous models.

[Refer to page 39 for details](#)

End Strain Insulators and Strainers

High Strain Insulator Kit
G61824



Simplest option for end strain insulation; use at one end on shorter fence lengths and add strainer G61803 on the other end or G64304 mid-fence. Fits up to 200mm/8" post.

Strain Insulator
G67704



Economical end strain insulation for fences with little stock pressure or semi-permanent setups.

Insulated Wire Strainer Kit
G61803



No wire tying, fast and simple. Includes all three end strain elements - insulator, strainer and steel rope. Simply slide over the post and you're done. Fits up to 200mm/8" post.

Insulated End Strainer
G74313



All-in-one end assembly lets you insulate, strain and connect. Heavy duty end strainer that is 1.4 times stronger than the previous model. It also has superior insulation and improved corrosion resistance.

[See page 39 for detail](#)

Wire Strainer
G79504



Ratchet style wire strainer. Can also be used in-line by threading through strainer. Tighten with G69530 ratchet handle or simple shifter.

Permanent Porcelain End Strainer
G79604



Strong galvanised steel and porcelain fence wire strainer. Improved spool design has had extra teeth added and its hub size increased.

Porcelain Bullnose Strain Insulator
G69203



Fire resistant, ideal for high fire risk areas. Suitable for long strains of permanent fence.

In Line Strainers

In line Wire Tightener
G64304



Fits over wire for mid-fence straining, increasing effectiveness of strain by pulling from both directions. Ideal for tightening existing fences or trellising wires. Use with G64400 or G64500 tightener handle.

Permanent Tension Spring
G62500



Can be used in-line or at the end of a fence with built in over-stretch protection. Useful for enabling irrigators to pass over fence lines or on very short fence lines to maintain tension and prevent excessive strain on end posts.

Joint Clamps

Joint Clamp
G60355

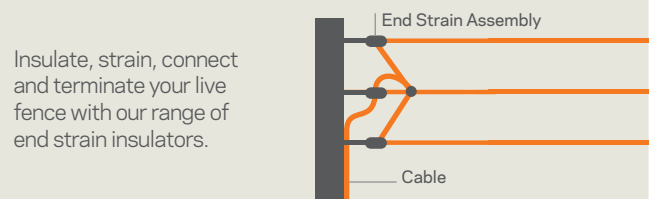


Two options for clamping multiple high tensile wires in a secure electrical connections.

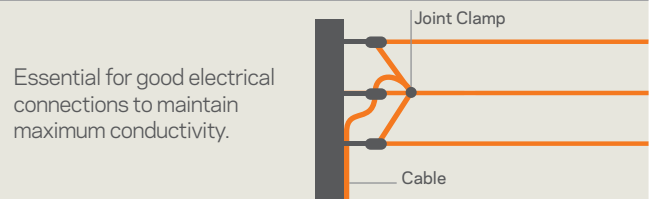
Heavy Duty Joint Clamp
G60315



End Strain Insulators and Strainers diagram



Joint Clamp diagram



In Line Strainer diagram





Wood Post Insulator

Nail on Insulator (W Type)
G68308



Low cost. Recommended as low power/low voltage insulator. Easy to install and remove wires. UV stabilised, polyethylene plastic.

Wood Post Claw Insulator
G67304



The most popular choice for permanent electric fencing using wooden posts. Large heavy duty shield prevents pulse arcing and minimises power leakage.

Wood Post PowerLock Insulator
G69004



Two choices for fences needing to be temporarily lowered for vehicle or stock access such as on laneways, beside drains and around silage pits. No tools needed to install or remove wire from insulator.

Wood Post Pinlock Insulator
G68704



Drive Screw Assembly
SG6940



Drive screw assembly for use on wood posts. Fire resistant, making it ideal for high fire risk areas. High quality white glaze finish.

Porcelain Reel Insulator
G67403



Fire resistant so ideal for high fire risk areas. With a long life, high quality white glaze finish. 41mm (1½") diameter.

Other In Line Post Insulator

Insulated Tube
P6791



Alternative to longer life, higher strength insulators. For use with 2.5mm wire. Flexible for quick and easy installation. 10 metre roll is easily cut to required length.

Steel Post Insulators

Steel Post Pinlock
G68604 - 25 Pack
G68607 - 150 Pack
G74635 - HD Pin



Superior insulation, heavy duty double shield. 150% more insulative than previous model. Optional heavy duty glass filled nylon pin available. Universal post attachment.

[See page 40 for detail](#)

Clip Bolt Assembly
SG6930



Designed for steel posts. 41mm porcelain insulator assembly with nylon type nut. Fire resistant so ideal for high fire risk areas. High quality white glaze finish.

Clip On Porcelain Insulator for JIO Post
G71913



Easy-to-install and designed to simply clip onto Waratah JIO Star® or JIO MaxY® posts for secure attachment - no tools needed. Fire resistant so ideal for high fire risk areas.

JIO Post Insulator
G72204



Designed and manufactured for use with the Waratah JIO post range. Strong post attachment. Quick and easy to install. Twin pin matches with the existing JIO Post holes for super-fast install requiring no tools

Fibreglass and Insulated Line Posts

Insulated Line Post
1140mm G74213
1350mm G74223



Flexible, perfectly insulated posts. Ideal for permanent and semi permanent equine, sheep and cattle fencing.

[See page 38 for detail](#)

Fibreglass Post (10mm)
1250mm G81510
1500mm G81710
Fibreglass Post (13mm)
1500mm G82210
1370mm G82010



Highly adaptable, easy-to-install option that can be used in portable, semi-permanent and permanent fences.

Spring Grip Post Clips
G83005 for 10mm post
G83505 for 13mm post



Clip for secure attachment to fibreglass posts.

Waratah, JIO, JIO Star, JIO Max Y and Waratah Longlife Blue colour are trademarks of Onesteel Wire Pty Limited

Insulated Line Post

G74213 1140mm G74223 1350mm



- The Tailor-made Electric Fence Post
- Simple, low cost installation with no machinery required
- Multiple wire heights with pre-formed wire attachment locations and snap-on clips
- Strong, yet flexible with a solid 16mm fibreglass core enabling flex on impact
- Perfectly insulated with a UV stabilised polyethylene outer



High Strength Clips (G74434). GF nylon "snap-on" clips form a reliable connection with 160kg holding force - typically twice as strong as most conventional wood or steel post insulator systems.



40mm Tape Clip (G74223). Soft rubber jaw locks tape in place and prevents wear. Together with the Insulated Line post, the new 40mm Tape Clip creates a flexible fence system reducing the risk of animal injury.



High quality materials ensure long life. A UV protected polyethylene sheath protects the fibreglass core from UV damage.

The strong and flexible fibreglass core enables the post to flex on impact, preventing broken or bent posts and minimising animal injury.

Insulated Line Post installation accessories



Line Post Rammer

G52501

Designed specifically to drive/ram the Insulated Line Post into the ground



Line Post Sleeve

G53001

Prevents flex when driving the 1140mm or 1350mm Insulated Line Post when using a standard T or Y post rammer.



Line Post Lifter Attachment

G52701

Attaches to most Steel Post Pullers/Lifters to safely pull out the Insulated Line Post or pilot from the ground

Insulated End Strainer

G74313



- The design of the new insulated end strainer incorporates the ability to insulate, strain and connect the fence line all within one component
- It eliminates unnecessary joints, ensures optimal tension levels when straining
- Increases insulation by 1.7 times over previous models



12 tooth spool for fine adjustment and easy tightening action. Suitable for up to 4mm gauge fence wire.

Insulated body provides 1.7 x the insulation of previous models and also provides added protection from corrosion.

Integrated joint clamp allows direct attachment of wires for paralleling and power connection.

Robust, high-quality spring loaded locking clip.

Extra High Voltage Strain Insulator

G74514



- For all wire types up to 8mm/OGA wide.
- Designed for high powered fencing systems and areas where insulation is critical.
- Superior insulation performance



Insulation ribs provide 2 x the insulation performance of previous models to reduce chances of stray voltage around critical areas eg. around steel yards

Easy to use and reuse. Streamlined design allows for comfortable positioning in hand during installation; and the wire can be easily cut away for product reuse.

Creates secure, tidy end assembly. Large, separate tie off ends enable superior insulation and tidy end assembly.

Heavy duty, high-strength durable construction, backed with a 10 year warranty.

Steel Post Pinlock Insulator

G68604



- Pinlock design for easy wire installation and removal along drains etc - no tools required
- Heavy duty jaw design to withstand fence tension and keep wires firmly in place
- Superior insulation with large heavy-duty shield to prevent pulse arcing and reduce power leakage
- Made from strong high density, long lasting UV resistant plastic



Glass Filled Nylon Pin Magazine

Superior insulation, heavy duty double shield provides 150% more insulation performance than previous model.

Universal post attachment for use with steel posts including Waratah JIO™.



Hard, glass-filled nylon pin (G74635) available which doubles the wire attachment strength - perfect for high stock pressure scenarios

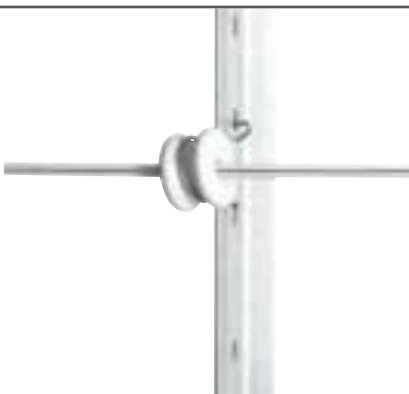
Easy to use, no tools required. Pinlock allows for easy wire installation and removal under tension.

Clip-on Porcelain Insulator

G71913



- Designed and manufactured for exclusive use with the Waratah JIO post range
- Fire resistance makes it ideal for use in high fire risk areas
- Ideal for areas of high fence pressure and feral applications
- Clips made from Waratah Longlife Blue colour fence wire for consistent corrosion protection and strength



Heavy Duty Pinlock Insulator

G72204



- Designed and manufactured for exclusive use with the Waratah JIO post range
- Proven Gallagher UV resistant High Density Polyethylene (HDPE) plastic
- Twin pin system locks the insulator firmly in place with 50% stronger post attachment
- The increased diameter front pin withstands significantly higher wire pressure from stock impact compared to standard pinlock insulators
- Twin pin utilises JIO post holes for super fast installation - requiring no tools
- Pinlock wire retention with twist lock closure allows for easy installation/removal of wire under tension



Cut Out Switch

G60733



- Make fence maintenance work easy with the Gallagher Cut Out Switch
- Locate the switches around your farm at strategic points to allow you to cut power to sections of fence to carry out maintenance and simply turn back on again when the job is complete
- Fits securely onto any post with mounting screws supplied



Made from impact resistant materials, includes UV stabilised plastic.

Fully sealed, weather proof and dirt resistant.

Highly visible ON/OFF positions.

High quality electrical contacts to handle high voltages.

Fence Volt/Current Meter and Fault Finder

G50905



- Save hours checking fence lines for shorts. Volt meter, current meter and short finder in one
- Tracks the source of erratic or poor electric fence performance in minutes



Large easy to read LCD display shows voltage and current and an arrow shows direction of fault.

Extendable contact probe for reading voltage on energizers and other hard to reach places plus an earth probe connector for more accurate reading.

With an auto On/Off feature the Fault Finder turns on when a fence pulse is detected - providing a long, 3 year life on the user replaceable battery.

Pocket sized tough, water and impact resistant case.

Irrigator Crossing System

Comprising dedicated spring bays and a ground anchor system, this system is designed to ensure pivot irrigators are able to cross the fence safely without causing damage.

- Ensure your irrigator passes safely over your fence
- Extend the life of your electric fence
- Open up your grazing management options
- Stop the fence wires being picked up and dragged by the irrigator
- Easy, low labour install - no crimping required

End Strain Spring Assembly

For end of fence installation - allows the fence to stretch during irrigator crossing.

1

Pivot Spring pre-fitted with High Strain Insulator and Wire Strainer

G72700

- Large, galvanised wire diameter and coil enables exceptional stretch
- 2.5mm pre-galv wire overstretch limiter protects spring. If limiter is tight, more spring bays are required.
- One convenient assembly.

Existing Fence Insulation

Secure wire attachment to post

2

Pinlock Insulator

G68704 (25 pk)

- Extra strong jaws enable the wire to slide through the insulator.

Dedicated Spring Bays

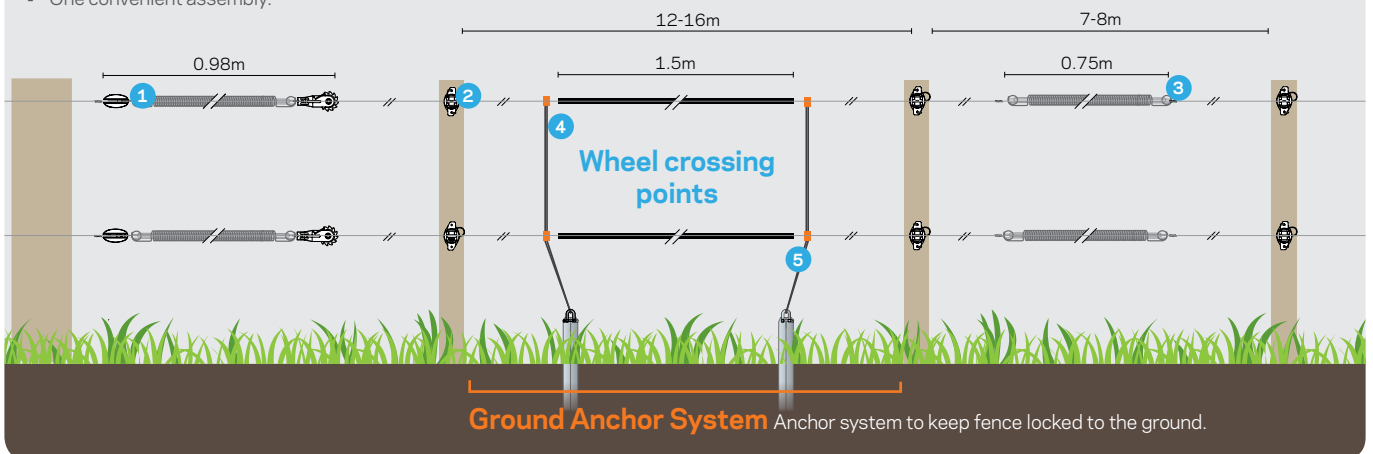
Allows the fence to stretch and maintain tension during irrigator crossing.

3

Double Loop Pivot Spring

G72600

- Large, galvanised wire diameter and coil enables exceptional stretch
- 2.5mm braided wire overstretch limiter protects spring and shows fence stretch tolerance - if the wire is tight more spring bays are required.



4

Pivot Pipe

G72900 (10 pk)

- No crimping required - straightened and pre-drilled for convenient install.

5

Anchor Post

G73000 (10 pk)

- Pre-drilled, 0.5m heavy galvanised Y post for solid ground attachment.

Simple clip system for easy install of anchor rope

Anchor Rope and D Shackle

G74103 2.5m (10 PK)

- High quality, UV resistant braided rope
- Galvanised D Shackle prevents rope from fraying.

Wire Anchor Clip (Patent Pending)

G74033 (20 PK)



Irrigator wheel assembling crossing point.



Irrigator wheel assembly half way over the fence line with the irrigator fence deflector bar holding the fence line down.



Irrigator wheel assembly crossing the fence line.

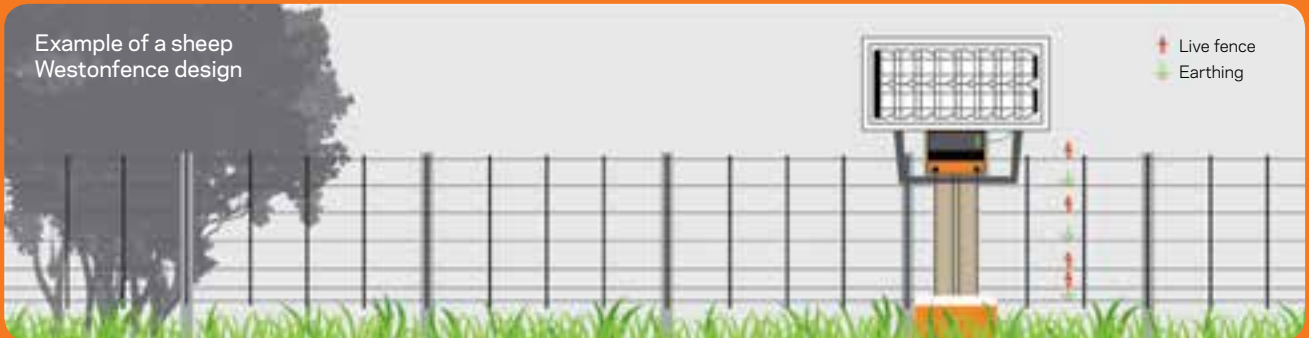


Gallagher Westonfence



Gallagher Westonfence has been designed for the construction of a robust, low maintenance and permanent electric fence. It is fast, easy to construct and, when paired with a Gallagher Energizer, is a safe and cost-effective solution to exclusion and subdivision fencing.

Example of a sheep Westonfence design



Westonfence Insulated Suspension Post



- Ideal for use for internal subdivision fencing for cattle, sheep, goats and horses
- Well suited for the exclusion of kangaroos, goats, dogs and deer
- Use in external and boundary fences to protect your most valuable assets
- Suitable for use in cell grazing and feedlotting systems



Each ISP has been precision drilled in one of several hole configurations.

Excellent insulative design eliminates voltage tracking and leakage.

High-density polyethylene (HDPE) Insulated Suspension Posts (ISP) with unique I beam design ensures strength to weight ratio, and memory to retain form.

High tensile fastening clips hold ISP fast, to protect fence integrity and wire spacing.

Westonfence Accessories



High Tensile Fastening Clips

SG82200, SG82100, SG82300

High tensile fastening clips hold the ISP fast, to protect fence integrity and maintain wire spacing. There are clips specifically for standard steel posts, Maxi Posts and for the ISPs. Use two per post, to form a robust fence. Use Clip Spanner (SG83000) for simple attachment.

Applicator Tool

SG85000

The block of 30 pre-threaded ISP's can be strained and spaced out using the construction tool. This allows for more efficient fence construction that is quicker and more cost effective than conventional fencing.

Westonfence Insulated Suspension Post range

Code	Description	Qty pack	Holes	Hole spacing mm
SG80300	Insulated Suspension Post D3 556mm	30	3	30, 255, 525
SG80400	Insulated Suspension Post D4 810mm	30	4	25, 270, 530, 780
SG80500	Insulated Suspension Post D5 810mm	30	5	25, 180, 355, 555, 780
SG80600	Insulated Suspension Post D6 960mm	30	6	25, 175, 330, 505, 705, 930
SG80700	Insulated Suspension Post D7 Std 1100mm	30	7	25, 165, 315, 470, 645, 845, 1070
SG80710	Insulated Suspension Post D7 XL 1200mm	30	7	125, 265, 415, 570, 745, 945, 1170
SG80800	Insulated Suspension Post D8 1365mm	30	8	25, 165, 315, 470, 645, 845, 1070, 1340
SG80810	Insulated Suspension Post D8 XL 1470mm	30	8	125, 265, 415, 570, 745, 945, 1170, 1440
SG80111	Insulated Suspension Post 8 Line 2 x D7 1100mm and 1 x D8 1365mm	10 [#]	7 and 8	25, 165, 315, 470, 645, 845, 1070, 1340
SG80112	Insulated Suspension Post 8 Line XL 2 x D7 XL 1200mm and 1 x D8 XL 1470mm	10 [^]	7 and 8	125, 265, 415, 570, 745, 945, 1170, 1440
SG80900	Insulated Suspension Post D9 1100mm	30	9	25, 140, 255, 375, 515, 650, 795, 935, 1070
SG80920	Insulated Suspension Post D9 SP 1200mm	30	9	125, 240, 355, 475, 615, 750, 895, 1035, 1170
SG80910	Insulated Suspension Post D9 XL 1650mm	30	9	25, 165, 315, 470, 645, 845, 1070, 1340, 1610
SG80110	Insulated Suspension Post D10 1300mm	30	10	25, 140, 255, 375, 515, 650, 795, 935, 1070, 1275
SG80200	Insulated Suspension Post Leaning Offset 660mm	30	4	25, 200, 400, 630
SG80220	Insulated Suspension Post Deer Post 2000mm	10	10	25, 165, 315, 470, 645, 845, 1070, 1340, 1610, 1970

[^] 8 line is our most popular configuration. The 8 line price includes 2 x D7 1100mm IPS's and 1 x D8 1365mm ISP's in configurations of 30 total, ready for wire threading.
[#] The 8 line XL price includes 2 x D7 XL 1200mm IPS's and 1 x D8 XL 1470mm





Permanent and semi-permanent equine fencing

Horses are lively and at times unpredictable, so keeping them safely contained is paramount, but can be challenging. A Gallagher equine electric fence is a safe, reliable and highly visible solution – designed to ensure your horses' welfare.

Example of an Electric Equine fence design



Wire and Braid

Voltage at start of fence 8kV at 500m at 1km ohms/km

Equine Fence Wire G91200 250m

See page 49 for detail



7.7kV 7.5kV 35

Turbo Equine Braid G62176

Highly conductive, designed for long distance semi permanent and portable horse fencing. High visibility for safe horse control.



7.0kV 6.3kV 130

Bayco SG6060

Horse sighter wire. 4mm thick for visibility. Maintains appearance year after year.



Non Conductive

Wood Post Insulators

Wood Post Wide Jaw Claw Insulator G67614

See page 49 for detail



Specifically for Equine Fence Wire or Turbo Braid, the most popular choice for permanent equine fencing using wood posts.

Wood Post Equine Pinlock Insulator G62604



For Equine Fence Wire fences needing to be temporarily lowered for vehicle or animal access such as on laneways, beside drains or silage pits.

Wood Post Nail-on Insulator G68408



Economical staple or nail attachment options for lower voltage electric fencing in dry conditions.

Nail on Insulator (W Type) G68308



Joint Clamps

Joint Clamp G60355



Two options for clamping multiple high tensile wires in a secure electrical connection.

Heavy Duty Joint Clamp G60315



Electric Fence Crimp Sleeves for Rope and Braid G61304



Poly Crimps for Turbo Equi Braid, made from non-rusting, aluminium alloy for long life.

End Strain Insulators/Strainers

Extra High Voltage Strain Insulator G74514

New



Designed for high powered fencing systems and areas where insulation is critical. Insulation ribs provide 2 x the insulation performance of previous models.

High Strain Termination Kit G61824



Simplest option for end strain insulation; use at one end on shorter fence lengths and add strainer G61803 on the other end or G64304 mid-fence. Fits up to 8"/200mm slide.

Insulated Wire Strainer Kit G61803



No wire tying, fast and simple. Includes all three end strain elements - insulator, strainer and steel rope. Simply slide over the post and you're done. Fits up to 200mm 8" post.

Insulated Wire Strainer G74313

New



Combined end strain insulator strainer and joint clamp. Simply tie onto strainer post and wind fence wire onto spool.

Steel Post Insulators

Steel Post Pinlock Insulator G66314



Designed for steel posts, best choice for permanent equine electric fencing using Y posts or Waratahs.

Steel Post Topper Insulator G68513



Safety and flexibility - add a single electric wire/tape/braid to the top of exiting posts using this protective cap.

Equipost Sleeve and Cap for steel posts SG012



Designed to increase visibility and aesthetics of most standard steel posts. Requires insulators (G67614)

Tape fences

Voltage at start of fence 8kV at 500m at 1km ohms/km

40mm Turbo Tape
G62454
200m



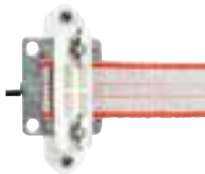
6.4kV 5.4kV 240

40mm Poly Tape
S62403
100m



2.3kV 1.4kV 2400

Wood Post Corner Strain Tape Insulator
G67012



Designed specifically for 40mm equine electric tape fencing. Convert Corner Strain product to End Strain Tape Insulator with G67090 end strain plates.

Wood Post Heavy Duty Tape Insulator
G66910



Soft rubber jaws lock 40mm tape in place and prevent wear. Convert Corner Strain product to End Strain Tape Insulator with G67090 end strain plates.

Steel Post Topper Insulator
G68513



Safety and flexibility - add a single electric tape to the top of existing posts using this protective cap.

Steel Post 40mm Tape Insulator (White)
G62814



Unique snap on design. Simple to install with no tools. Specially designed for 12.5 - 40mm tape.

Insulated Line Post 40mm Tape Insulator (Black)
G74703



Unique snap on design. Simple to install with no tools. Specially designed for Insulated Line Post and 12.5 - 40mm tape.

How to compare tapes and braids

Look for the minimum voltage drop as the fence gets longer and look for the lowest resistance rating per/km.

Specifications	Image	Voltage at beginning of fence	500m fence	1km fence	Resistance (Ohms/km)	Mixed metals*	Inter-connect*
Turbo Equine Braid 5mm G62174 200m G62176 400m		8kV	7.1kV	6.5kV	125	✓	
12mm Heavy Duty PolyTape* SG62366 400m		8kV	1.7kV	1.0kV	4250		
12.5mm Turbo Tape G62354 200m G62356 400m		8kV	6.4kV	5.3kV	250	✓	✓
12.5mm Poly Tape G62304 White 200m G62314 Orange 200m		8kV	0.84kV	0.45kV	8500		
40mm Turbo Tape* G62454 200m		8kV	6.4kV	5.4kV	145	✓	✓
40mm PolyTape* SG62403 100m		8kV	2.3kV	1.4kV	2400		

* Recommended for horses

How to join braid and tape



1 Separate metal strands



2 Tie braid/tape/poly together



3 Twist all metal strands together

Equine Fence Wire

G91200



- The safe permanent electric fencing solution, designed specifically for horses
- The smooth, large diameter coating is highly visible and significantly reduces risk of injury



Smooth large diameter coating is highly visible and significantly reduces risk of injury if horse makes contact with the fence.

Highly conductive polymer ensures power is maintained on long distances of fence.

Steel galvanized core for high impact strength and durability.

UV resistant white, stress crack resistant pipe grade polymer for high visibility and long life.



Wood Post Wide Jaw Claw Insulator

G67614



- Extra strength jaws to withstand significant fence tension and keep wires firmly in place
- Specifically designed wide jaws for Equine Fence Wire or Turbo Equine Braid



Delivers superior electrical performance, even under the highest voltages due to long leakage paths and protective shields.

Superior insulation with large heavy duty shield to prevent pulse arcing and reduce power leakage.

Tough, durable, highly visible and sun resistant - made from white UV stabilized polyethylene plastic.

Minimal high tensile wire corrosion as open face design reduces dust and algae.

Steel Post Topper

G68513



- Durable, UV stabilised polyethylene plastic
- Sits on top of existing post and houses a single wire
- Minimal high tensile wire corrosion with open face design
- Tough, durable and sun resistant, the Steel Post Topper is made from UV stabilised polyethylene plastic
- Specifically designed for equine fencing, the Steel Post Topper is placed on an existing steel post and houses a single electric wire, braid or Bayco sighter wire
- Minimal high tensile wire corrosion, with an open face design reducing dust and algae collection



Tough, durable and sun resistant, the Steel Post Topper is made from white UV stabilised polyethylene plastic making it highly visible.

Specifically designed for Equine fencing it can be placed atop an existing post and house a single electric wire, braid or Bayco sighter wire.

White polyethylene plastic ensures maximum visibility.

Minimal high tensile wire corrosion as open face design reduces dust and algae.





Retrofit/Offset Fencing

Retrofit / Offset electric fencing is an economical and easy-to-install option if you have an existing or new conventional, non-electric fence that needs to be protected. Brackets are fitted to the existing fence with an electrified wire that discourages animals from rubbing against the fence, thereby extending its life.

Example of retrofit/offset fencing





Live Tip Steel Post Offsets

Steel Post Live Tip Lockset Offset
SG200 160mm
SG201 260mm



Unique patented lockset design ensures a solid post attachment.

Double End Steel Post Live Tip Lockset Offset
SG202 160mm
SG203 260mm



Unique patented lockset design ensures a solid post attachment.

Wood Post Live Tip Offset
SG204 160mm
SG205 260mm



With an electrified tip and zero power leakage through the post, the Live Tip Offsets are an effective, new option for protecting existing fences.

Gallagher Westonfence Offset

Westonfence Leaning Offset
SG80200 660mm



4-Hole leaning offset Insulated Suspension Post (ISP) made from durable HDPE with precision drilled holes, spaced at 25, 200, 400 and 630mm.



Live Tip Offsets

Mounts to the wires on your existing conventional fence; enabling you to locate the electric wire anywhere on your fence line.

Fibreglass Offset 300mm (12")
G81210



For driving into a pre-drilled wood post.

Wire Mounted Offsets

Offset bracket (12" with White Poly Pinlock Insulator
SG65915



Uses G66514 White Pinlock Offset Insulator. The brackets are made from high quality galvanised spring steel for extra strength and flexibility. A unique curl design on the legs gives good grip on all types of fencing including barbed wire and netting. Easy to attach. Maximum protection against shorting between offset bracket wire and line wire.

Offset Bracket (12" with Porcelain Reel)
SG6645



Brackets are made from high quality galvanised spring steel for extra strength and flexibility.

Offset bracket (12" 'C' Clip with Porcelain Reel)
SG6646



Brackets are made from high quality galvanised spring steel for extra strength and flexibility. Wire secured behind porcelain reel with a wire 'c' clip.

Live Tip Offset



- Stop livestock damaging your offset electric fence with Live Tip Offsets
- Electrified tip - when wire comes in contact with end ring discourages stock from rubbing

Strong UV treated plastic gives long life and strength especially when used on rolling ground.

Quality insulator ensures no power leakage to post.

Reduce animal injury with no protruding parts.

High grade galvanised spring steel for strength and rust resistance.



Extra High Voltage Strain Insulator

G74514



Designed for high powered fencing systems and areas where insulation is critical. Insulation ribs provide 2 x the insulation performance of previous models.

[Refer to page 39 for details](#)

End Strain Insulators and Strainers

High Strain Insulator Kit
G61824



Simplest option for end strain insulation; use at one end on shorter fence lengths and add strainer G61803 on the other end or G64304 mid-fence. Fits up to 200mm/8" post.

Strain Insulator
G67704



Economical end strain insulation for fences with little stock pressure or semi-permanent setups.

Insulated Wire Strainer Kit
G61803



No wire tying, fast and simple. Includes all three end strain elements - insulator, strainer and steel rope. Simply slide over the post and you're done. Fits up to 200mm/8" post.

Insulated Wire Strainer
G74313



The design of the new insulated end strainer incorporates the ability to insulate, strain and connect the fence line all within the one component.

Permanent Tension Spring
G62500



A versatile product with in-built over-stretch protection. Use for fences with very short fence lines to maintain tension and to prevent excessive strain on end posts.

In line Strainers

In line Wire Tightener
G64304



Fits over wire for mid-fence straining, increasing effectiveness of strain by pulling from both directions. Ideal for tightening existing fences or trellising wires. Use with G64400 or G64500 tightener handle.

Wire and Braid

Voltage at start of fence 8kV	at 500m	at 1km	ohms/km
-------------------------------	---------	--------	---------

Equine Fence Wire
G91200 250m



7.7kV	7.5kV	35
-------	-------	----

Turbo Equine Braid
G62176

Highly conductive, designed for long distance semi-permanent and portable horse fencing. High visibility for safe horse control.



7.0kV	6.3kV	130
-------	-------	-----

Clamps

Joint Clamp
G60355



Two options for clamping multiple high tensile wires in a secure electrical connection. Heavily galvanised for durability and long life.

Heavy Duty Joint Clamp
G60315





Portable Fencing

Portable electric fences are easy to transport, assemble and take down, allowing flexible fencing for short-term animal control or rotational grazing. Tapes, Wires and Braids are used on portable electric fences as they are light, highly visible and easy to wind.

Example of an integrated solar powered temporary cattle fence



Portable fencing conductors

Type

Tape, wire or braid – depending on your fencing application you may want tape (high visibility) or braid (large diameter, woven product for better shock delivery and easier handling) or standard wire.

Unique Design

The Gallagher difference for longer life and maximum effectiveness.



Conductivity

How much power and how far it's carried – the table below lists the most conductive product within each group first and compares voltage changes based on an animal (500 ohms load) touching the fence.



Mixed Metals

A balance of stainless steel and copper for maximum conductivity and long life.

Patented Interconnecting wire

Regularly links all conducting wires, bypassing any broken wires to prevent power loss.

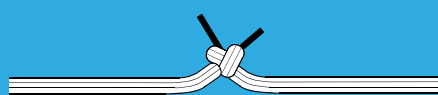
Specifications	Image	Voltage at beginning of fence	500m fence	1km fence	Resistance (Ohms/km)	Mixed Metals*	Inter-connect*
Braid, Wire, Rope							
Turbo Braid 2.5mm SG61188 600m Only on Pre-Wound Reel		8kV	7.3kV	6.7kV	95	✓	
Turbo Equi Braid 5mm G62174 200m G62176 400m		8kV	7.1kV	6.5kV	125	✓	
Turbo Wire 9 Strand G62056 400m		8kV	7kV	6.3kV	130	✓	
3.5mm Turbo Braid SG62154 200m SG62156 400m SG62159 535m		7.9kV	7.5kV	7.1kV	130	✓	
1.5mm Poly Braid SG62107 500m SG62104 200m		8kV	1.1kV	0.6kV	6000		
12mm Tape							
12mm Heavy Duty PolyTape* SG62366 400m		8kV	1.7kV	1.0kV	4250		
12.5mm Tape							
12.5mm Turbo Tape G62354 200m G62356 400m		8kV	6.4kV	5.3kV	250	✓	✓
12.5mm Poly Tape G62304 White 200m G62314 Orange 200m		8kV	0.84kV	0.45kV	8500		
40mm Tape							
40mm Turbo Tape* G62454 200m		8kV	6.4kV	5.4kV	145	✓	✓
40mm PolyTape* SG62403 100m		8kV	2.3kV	1.4kV	2400		

* Recommended for horses

How to join braid and tape



1 Separate metal strands



2 Tie braid/tape/poly together



3 Twist all metal strands together

Geared Reels

Medium Geared Reel with transport lock G61150

Most popular option for fast winding (3:1) on standard length portable fences. Carry handle with knuckle guard to protect hands. Locking ratchet and long crank arm for better leverage.

Capacity for:
500m Polywire
200m 12.5mm Tape
200m Turbo Braid

[See page 57 for more detail](#)



Large Geared Reel G63150

Larger capacity for bigger paddocks.

Capacity for:
400m Turbo Braid
400m Turbo Tape/Poly Tape
1000m Turbo Wire



Pre Wound Geared Reel with Turbo Braided Wire SG61188

Built to last, the Pre Wound Geared Reel has a host of farm inspired features that make it hardwearing and extremely easy to use.

Pre wound with 600m of highly conductive (95 ohms/km) Turbo Braided Wire, and is ideal for strip grazing



Non Geared Reels

Lightweight and strong, for use on shorter, less frequently moved portable fences.

Economy Reel G61600

Capacity:
500m Poly Wire
200m 12.5mm Tape
200m Turbo Braid



Small Reel G63030

Capacity:
200m Poly Wire



Reel accessories

Reel Stand

900mm 1-3 reels G63300

Rust resistant steel, tread-in post for holding multiple reels for strip grazing and temporary fencing. Includes chain for securing to a post.



Power Connectors

UV resistant leads to connect a portable fence to a permanent fence.

Single Reel Lead Connector G63400

Multi Reel Lead Connector G63450



All in one Portable Fences

Smart Fence 2 G70000

A quicker and easier all-in-one instant fence system, the Smart Fence redefines portable fencing.

[See page 57 for more detail](#)



Posts (all heights are from the foot)

Pigtail and Ring Top Posts

Ring Top Post G72313 - 850mm

A super strong design that prevents shocks and tangling. It's wear proof, tangle proof and stomp proof.



Standard Pigtail G64203 - 750mm

Ideal for softer ground. The welded foot design reduces tangling.



Heavy Duty Spring Steel Pigtail G64245 - 850mm

Ideal for hard ground.



Heavy Duty Spring Steel Pigtail SG54000 - 950mm

Heavy duty post made from 11mm diameter steel rod. Ideal for hard ground.



Heavy Duty Live Tip SG300 - 860mm

Live tip prevents animals from touching or rubbing on treading. Can be used with additional insulator (SG301).



Multi-wire Treadins

Steel G64253 - 875mm G64263 - 1500mm

For sturdy placement that won't deflect on corners and replaceable insulators for longer life. Taller option suitable for deer and horses.



Plastic G63705 - 880mm G63604 - 1370mm (Heavy Duty - Horse version)

Unique 'twist and lock' design for easy fence wire installation. Extendable option ideal for horses.



Geared Reel

G61150



- Built to last, the Standard Geared Reel is hardwearing and easy to use
- Practical features such as a transport lock and heavy duty gearbox for simple fence set up



Heavy duty gearbox for easy winding and 3:1 gear ratio for easy wind in and out.

Large hook with transport lock for easy, secure attachment to bike or fence wire.

Fully galvanised frame and white high impact hub for durability in tough Australian farming conditions.

Impact resistant reel guide for tangle free operation and long crank arm for better leverage.

Smart Fence 2

G70000



- A quicker and easier all-in-one instant fence system, the Smart Fence redefines portable fencing
- Effective Stock Barrier - four 100m long wires make an effective stock barrier
- 3 x 100m Poly Braid + 1 x 100m Turbo Braid



Easy to use, install or remove in under five minutes.

A patented self-tensioning system prevents tangling during set-up or pack-up.

A unique multi-reel housing system provides compact storage of four 100m reels.

The Reel Drive System enables four wires to be independently tensioned by simply turning the crank handle.

S10 Portable Solar Energizer

G34110



- Multi-wire distance ideal conditions: 1km
- Multi-wire distance typical Aus conditions: 0.3km
- Output energy (Joules): 0.08
- Dimensions: 170mm (w) × 245mm (h)
- Includes Battery and Lead Set



A Post Mount (G57110) enables the S10 to be mounted on a Ring Top Post.

The Energizer will continue to work for up to 3 weeks without sun.

Can be set up easily in any location and moved about for strip grazing and better pasture management.

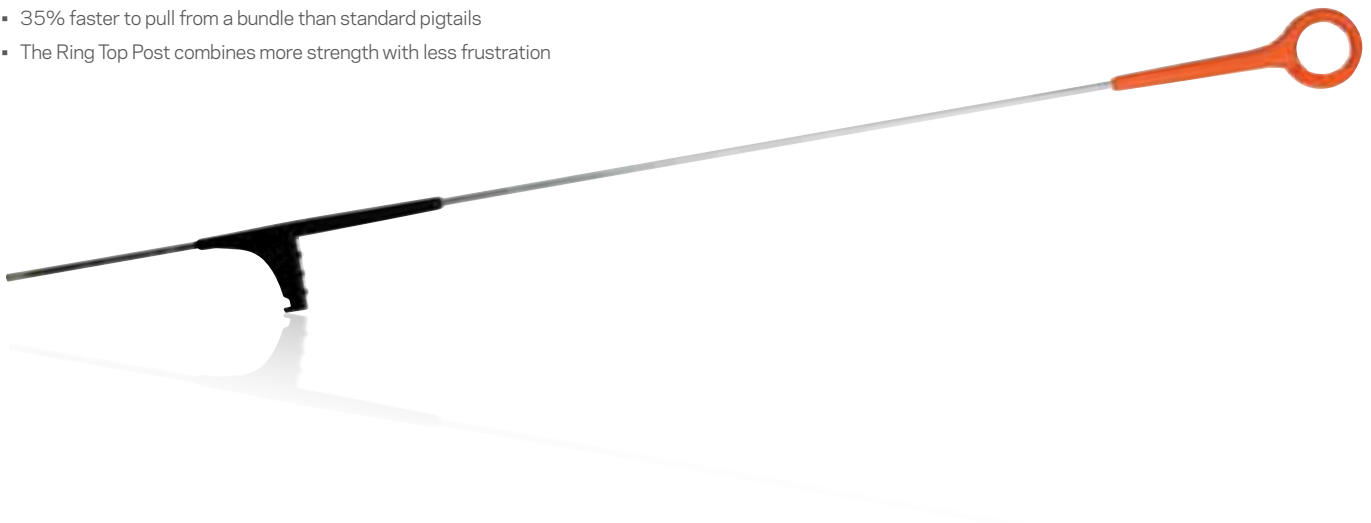
Water resistant case with built-in lightning protection - designed to be left outside and keep stock contained even in rain or hail.

Ring Top Post

G72313 850mm



- 35% faster to pull from a bundle than standard pigtails
- The Ring Top Post combines more strength with less frustration



Unique head centred over shaft with no protrusions or trapping points to significantly reduce tangling.

Eliminate shorting and prevent wear through with super tough over-moulded GF nylon head and no metal in the post head.

Blade design prevents rotation and helps installation in hard ground as well as minimising tangling points. Flat section holds wire/tape down when crossing fence.

Tough, over-moulded GF nylon foot design will not bend or deform. Can withstand 200kg of pressure.



Exclusion Fencing

There are three main types of electric fencing for the exclusion of wild and feral animals recommended by Gallagher: plain wire fencing using steel posts and insulators; fitting 'offset' electrified wires to an existing prefabricated or plain wire fence; or a purpose-built Gallagher Westonfence.

Example of a Gallagher Westonfence feral/exclusion fence design



Exclusion Fencing

There are three main types of electric fencing for the exclusion of wild and feral animals recommended by Gallagher: plain wire fencing using steel posts and insulators; fitting 'offset' electrified wires to an existing prefabricated or plain wire fence; or a purpose-built Gallagher Westonfence. Each system has its merits depending on your existing fences and type of pressure your fence is expected to face.

For the most effective electric fence, no matter the design, we recommend an earth return system (see page 32) powered by an appropriately sized and monitored Energizer (see page 7).

There are several options for fence designs, depending on what you are trying to achieve. We recommend you speak to your Gallagher Territory Manager for advice on the best most cost-effective option for you.



Retro Fitted 'Offsets'

Offsets can be fitted to an existing fence to extend its life or repurpose it into an exclusion fence. They are quick and easy to install and are an extremely cost-effective way to protect or extend the life of an existing fence. There are two types of offset fencing:

Leaning Offset

A leaning or sloping offset runs back towards the fence at a 45° angle. It usually has 2 or 3 electrified wires and prevents animals from pushing or burrowing through your fence.

- Turns a conventional fence into an exclusion fence
- Protects and prolongs the life of your existing fence
- Cost effective and low maintenance exclusion fence

Outrigger Offsets

- Outrigger Offsets are attached to the fence at 90° and strategically placed where additional protection is sought (eg at snout level to prevent pushing on base of fence to prevent burrowing)
- Unique live tip discourages animals from touching/rubbing outrigger
- Strong and durable spring steel with robust 'lockset' design ensures solid attachment to post
- Turns a conventional fence into an electric exclusion fence whilst protecting your existing fence



Westonfence

Our Gallagher Westonfence system is centred on the use of high-density polyethylene (HDPE) Insulated Suspension Posts (ISP) and high-tensile fastening spring clips. It comes in a variety of post heights including a leaning offset and a purpose designed exclusion system with alternating height posts.

- Low cost and easy to construct, a significant quicker and easier to construct than conventional fencing
- A proven, successful system for the exclusion of kangaroos, wild dogs, pigs and deer
- Unique suspension fence system minimises requirements for fence maintenance

[See page 43 for our full range of Westonfence.](#)



Permanent Exclusion Electric Fence

A purpose-built Gallagher electric fence designed to exclude feral animals using steel posts, porcelain reel or Heavy Duty HDPE pinlock insulators and plain wire to form an extremely effective exclusion fence. Running your electrified wires closer together and nearer to the ground, partnered with a strong performing energizer will prevent most animals from penetrating a fence.

- Cost effective solution for exclusion fencing. Requires significantly less materials than conventional fencing
- Proven success in most applications, partnered with 10 year warranty on components
- Paired with appropriately sized and monitored energizer, a purpose built electrified exclusion fence will stop animals in their tracks





Gates

When adding gates to your permanent electric fence system, choosing high-conductive, under-gate cable will ensure maximum power transfer between the two fence sections. Electrifying a temporary gateway with a Gallagher Electric Gate makes getting around the farm easy.

Example of a double strand Electric Tape Gate

Strain Insulators

Gate Handle

Insulated Cable



Double Insulated Cable for undergate power transfer

Voltage of fence with 8kV at 0.5km

High Conductive Cable 2.5mm

- G62792 50m
- G62793 100m
- G62794 200m
- G62796 400m



7.4kV

Double Insulated Hard Cable 2.5mm

- G62703 100m
- G62706 400m



6.5kV

Double Insulated Soft Cable 2.5mm

- G62711 25m
- G62719 60m
- G62713 100m
- G62716 400m



6.5kV

Double Insulated Cable 1.6mm not recommended for under gate cable.

Double Insulated Soft Cable Dual Strand

- G62731 30m
- G62732 70m



6.5kV

Calculations based on a heavy fence load (70 ohms).

Clamps

Two options for clamping multiple high tensile wires in a secure electrical connection. Dedicated option for thicker cyber wire/cable.

Joint Clamp

G60355



Heavy Duty Joint Clamp

G60315
Securely connects cable to the fence.

Electric Gate Handles

Rubber Grip Gate Handle

- G69603 (for Tape)
- G69703 (for Rope/Bungy)



Premium gate handle with comfortable rubber grip handle, and unique internal overstretch protection. Rope/bungy and tape versions available.

Heavy Duty Gate Handle

G63930



Flat hook for maximum electrification and extra safe handle that pulls out on impact.

Gate Handle

- G68900 (Black)
- G68962 (Yellow)



Large shield on handle to protect from shocks. Yellow and Black versions available.

Compression Spring Gate Handle

G62952



Ideal for use in high pressure situations as compression spring has extra strength and will not overstretch under tension - ideal for tape gates.

Insulated Handle

- G73730 20 pack/ G73732 6 pack



Quick and secure portable fence attachment to permanent electric fence wire.

Dual Purpose Handle

- G73830 20 pack/ G73832 6 pack



Single Strand Kits

All Gallagher gate kits include a high visibility flag.

Electric Bungy Gate

- G64050 3.5-7m
- G64051 5.5-11m



Pre-assembled gate - bungy cord stretches to twice its length and is ideal for on/off laneways. Made with stainless steel strands for maximum life and electrification.

Electric High Visibility Spring Gate

G64010



Pre-assembled spring gate suited for 3-5m wide gateways. Longer life design as spring doesn't touch the ground when gate is open.

Electric Galvanised Spring Gate

G64000



High visibility or standard options available.

Electric Tape Gate

G64100



Pre-assembled 40mm tape gate, suited for 3-5m wide gateways. High visibility white tape ideal for equine applications.

Electric Gate Kit

G64110



Construct a custom tape or braid gate of any size. Kit comes with all components, excluding tape/ braid.

Drive Through Electric Gate

Hardware: G71100

Rods:

- G71104 1.20m/4ft
- G71112 3.66m/12ft
- G71114 4.27m/14ft
- G71116 4.88m/16ft

So convenient - no more 'stop/start'! The Gallagher Drive Through Electric Gate keeps stock in but lets you through.



Electric Gate Accessories

Wood Post 3-Way Gate Anchor
G64902



Super strong live anchor for up to three gates coming to a junction. Ideal for use in gateway systems at the intersection of multiple paddocks.

Bungy Cord Roll
G89106 50m



Bungy cord stretches to twice its length and is ideal for making highly visible electric gates, particularly on/ off laneways. Made with stainless steel strands for maximum life and electrification.

Tape Joiner
G65203



Tidy, secure mechanical and electrical connection for 40mm horse tape fences.

Tape Gate End Joiner
G65205



Spare part for Electric Gate Kit (G64110) and Electric Tape Gate (G64100).

Bungy Cord Joiner
SG89107



Simple, super strong way to join bungy cord .



Fence Tools and accessories

Fencing Plier and Wire Cutters
G52200



Specifically designed for cutting, stripping and bending electric fence wire with minimum wire damage.

Pliers
SG52212 (12")
SG52210 (10")



Designed for cutting, gripping and manipulating components and wires commonly used in fencing and farming applications. 10" plier includes pouch.

Parrot Beak Pliers
SG52211



Designed for cutting, crimping, swaging, hammering and gripping wire and staples commonly found in fencing and farming applications.

Knipex Wire Cutters Comfort grip handle
G52230



Pliers with comfort grip handle and micro-structured cutting edge that allows for easy cutting of large cross-sections, offering improved cutting performance.

Fibreglass Drive Cap
G84700



Protects fibreglass post when driving with a hammer.

Ratchet Wire Tightening Tool
G64500



Rapid wire tightener handle with super smooth ratchet action, to be used with Gallagher in-line wire strainers (G64304).

Wire Twisting Tool
G52300



Ideal for installing clips on posts and droppers.

Polycrimps
G61304



Non-rusting, long life crimp that joins 5mm Turbo Rope - simply compress with appropriate tool.

Warning Sign
G602000



A highly visible sign that warns that a fence is electrified. Required by law, to be used on boundaries and anywhere else public have access to a fence.

Tie Fast Clip
SG70100



For fastening wire to a steel post. Use with wire twisting tool (G52300)

Rubber Grip Gate Handle

G69603 (for Tape) G69703 (for Rope/Bungy)



- Two attachment options: die cast buckle for Tape; steel loop for Rope/Bungy Cord/Braid/Wire
- Steel restrainer plate prevents the spring from overstretching
- UV resistant materials
- Unique comfortable rubber grip



Premium gate handle with comfortable rubber grip handle, and unique internal overstretch protection. Rope/bungy and tape versions available.

Hook straightens under extreme animal tension to prevent stock injury.

Multi Strand Electric Tape Gates

(G71802) 2 Strand (8m) For Cattle
(G71804) 4 Strand (6m) For Sheep



- A low cost, compact, all-in-one permanent electrified gate option for practically any width gateway, that's easy to use and quick to assemble. Comes with mounting hardware and 12.5mm tape
- Quick and easy to install – simply attach to existing gate posts using supplied mounting hardware



Flexible Tape Length up to 8m on two strand and up to 6m on four strand. Easy to repair if one stand breaks, simply change out tape.

Live Gate Hook Connects gate handle to gate post and electrifies gate when closed, disconnects power when opened.

The Foot Staple is used to hold lower end of gate handle to gate post when closed.

Tension Springs avoid over tightening and maintains tape tension when closed.



Gate Hardware

Gallagher offer a range of gate hardware manufactured to strict guidelines for strength and durability. They have a good practical design to ensure they are easy to use in the field. An enhanced electroplating process delivers improved corrosion resistance.



Individual Components

Gudgeons

- GG0042** Lock through Gudgeon 16/250
 - GG0043** Lock through Gudgeon 16/400
 - GG0045** Lock through Gudgeon 20/275
 - GG0046** Lock through Gudgeon 20/350
 - GG0047** Lock through Gudgeon 20/425
 - GG0048** Lock through Gudgeon 20/425
- * Includes cone to increase pin width to 32mm



Gudgeon Brackets

- GG0243** 20mm L Gudgeon Bracket
- GG0244** 25mm L Gudgeon Bracket



- GG0245** 20mm Angle Gudgeon Bracket
- GG0246** 25mm Angle Gudgeon Bracket



Straps and Saddles

- GG0073** Top Strap 25mm 16/275mm
- GG0064** Top Strap 25mm 16/400mm
- GG0063** Top Strap 32mm 20/275mm
- GG0079** Top Strap 32mm 20/400mm



- GG0066** 20mm Saddle
- GG0067** 25mm Saddle
- GG0068** 32mm Saddle
- GG0069** 38mm Saddle



Weld On Sockets and Pins

- GG0081** Weld on Socket 16mm
- GG0084** HD Weld on Socket 20mm

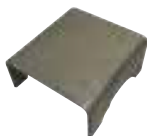


- GG0091** Weld on pin 16/41mm
- GG0094** HD Weld on Pin 20mm



Backing Plate and Cones

- GG0070** 25mm Backing Plate
- GG0071** 32mm Backing Plate
- GG0072** 38mm Backing Plate



- GG5104** 16/25mm Plastic Cone
- GG5105** 20/25mm Plastic Cone
- GG5106** 20/32mm Plastic Cone
- GG5107** 20/38mm Plastic Cone



HingeStraps

- GG0124** 16/225mm
- GG0125** 16/300mm
- GG0131** Heavy Duty 20/300mm
- GG0132** Heavy Duty 20/375mm
- GG0133** Heavy Duty 20/450mm
- GG0134** / Heavy Duty 20/600mm



Gate Fasteners

- GG0202** JP long chain incl. 2 staples
- GG0204** LP spring with long chain
- GG0205** JP screw fastener



- GG0208** Double gate fastener for 25mm Gate
- GG0209** Double gate fastener for 32mm Gate



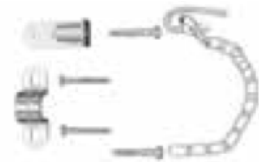
Gate Sets

Based on your selected gate and strainer size, select a gate set below to suit.

- 1 Choose Timber, Steel or Concrete posts
- 2 Identify diameter and length of posts and gate

Economy Gate Sets - for small pedestrian style gates

- GG0190** Economy Gate Set inc. 25mm saddle, 25mm "L" bracket



Field Gate Sets - for steel posts

- GG0198** Weld On Gate Pack inc. Socket, Pin and long chain



Field Gate Sets - for timber posts

- GG0189** 16/25 - 275mm post
- GG0191** 16/25 - 400mm post
- GG01926** Economy Gate Set
- GG0194** 16/25 - 400mm post suits 25mm nominal bore gate
- GG0195** 16/25 - 400mm post suits 32mm nominal bore gate



Field Gate Sets - for concrete posts

- GG0196** Concrete Post Set Standard Gate 25mm
- GG01962** Concrete Post Set Violet Town Post 25mm





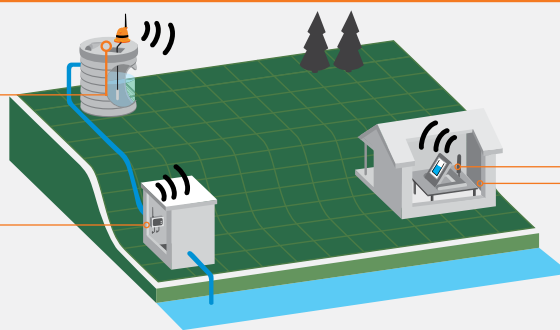
Water Monitoring

A complete, simple solution for monitoring and managing tank water and other fluids. Very easy to operate and install, the system provides peace of mind that there is water available, helps prevent water outages before they occur and ensures you gain maximum efficiency in water monitoring and usage.

How the system works

The system works by accurately measuring the liquid level in the tank based on pressure, and sends this information wirelessly via the Tank Unit to the Display Unit.

Wireless pump functionality can be achieved by adding a Wireless Pump Controller to the system, allowing the farmer to remotely control their pump to ensure tank levels are maintained as required.



The Display Unit shows in an instant how much liquid is left in the tank, saving time by eliminating the need to visit the tank/water source. It can be placed in a convenient location on the farm ensuring all staff can check the water status.

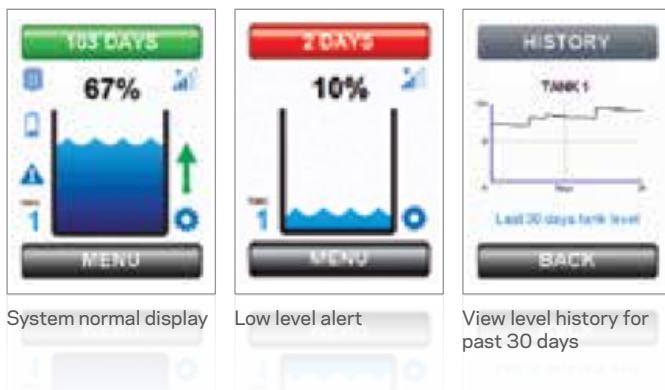
The system's range can be extended with the use of Ultra-Long Range Antenna.



One Tank System Display Unit

Desktop Touchscreen Display **G98133**
Wall Mount Touchscreen Display **G98033**

- Shows tank information at a glance
- Desktop or Wall Mount options available
- Used to set up and control the Wireless Pump controller
- Up to nine Tank Units can be monitored via one Display Unit
- Sold separately or as part of a Tank Starter Kit



System normal display

Low level alert

View level history for past 30 days

The display unit shows tank information at a glance. Both tank levels and alerts are displayed, enabling you to detect and repair water supply issues before they become a problem.



A complete, simple solution for the monitoring and management of tank water and other fluids.

Easy-to-operate, high resolution, 2.8" colour touchscreen display.

Tank Unit Kit

Tank Unit Kit **G98233**
Level Sensor **G98800**

Tank Unit

- Transmits the data measured by the sensor to the display unit. Up to 8 additional Tank Units can be connected to one Display
- Solar powered - no need to change batteries
- High performance, multi-directional antenna up to 4km line of sight (can be upgraded to increase range up to 10km)



Level Sensor

- Measures liquid level in the tank
- Measures liquids including effluent ponds, liquid fertilisers and molasses
- Super high quality Marine Grade (316) stainless steel construction
- Ruggedised polyethylene cable
- Precision locking waterproof connector
- Automatic calibration
- 4m cable (other cable length options available) suits maximum tank depth of 3.2m

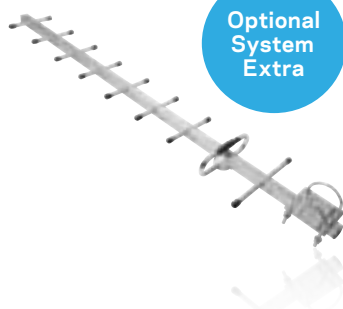


Antenna

Directional Long Range Antenna

10km **G98501**/5km **G98503**

- Single direction antennas send/receive signals to/from a single monitored location
- Made from high quality weather resistant materials
- Increases range up to 10km



Wireless Pump Controller

Wireless Pump Controller

G98311

- Enables you to remotely control your pump - ensuring tank levels are maintained as needed
- Automatic control using wirelessly transmitted tank level readings
- Alternatively can be used as a simple, manually activated wireless control system
- One pump controller per system supported



Antenna options

Gallagher offer a number of antennae systems for farmers that need to increase the read range of their Wireless Water Monitoring System.

Use these pages to find the answers to common challenges like:

- Longer distances between monitoring location and tanks
- Multiple tank monitoring
- Line of sight issues between monitor and tanks

Step 1

Use the diagrams below to find the setup that most closely resembles the challenge **from A to D**

Line of sight

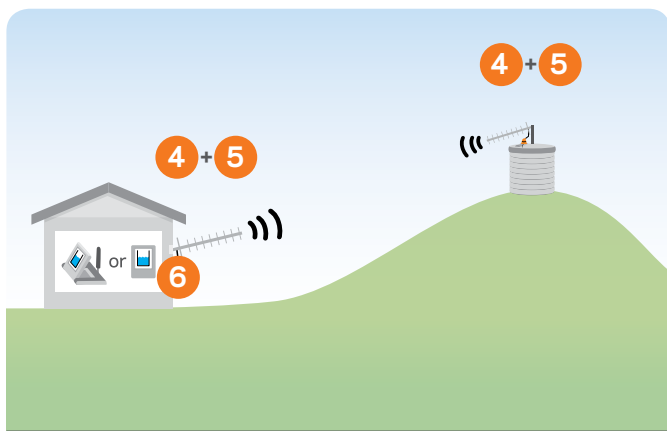
Maximum range is 4km, if there is genuine line of sight. Anything in the way (e.g. hills/trees/buildings/vehicles/walls) will reduce distance.

- To extend range up to 10km, use a Directional Long Range Antenna at both ends - antenna must be directly pointing to far location.

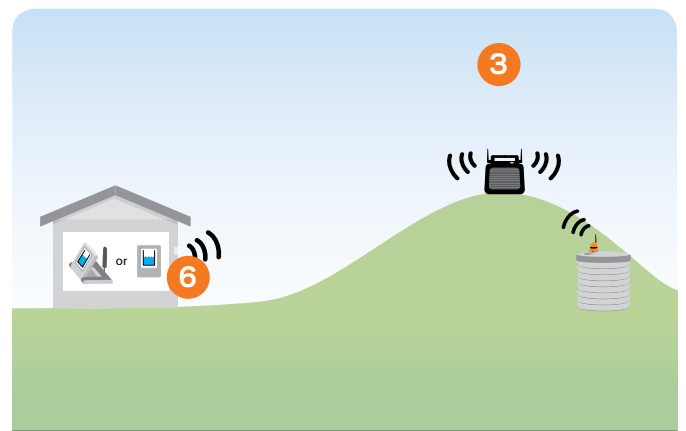
No line of sight

If there is no line of sight, to provide a stronger radio signal it is often beneficial to install an Active Repeater on a hill top. Choose a location that has clear line of sight to the source and the destination (tank and the farm house/pump shed).

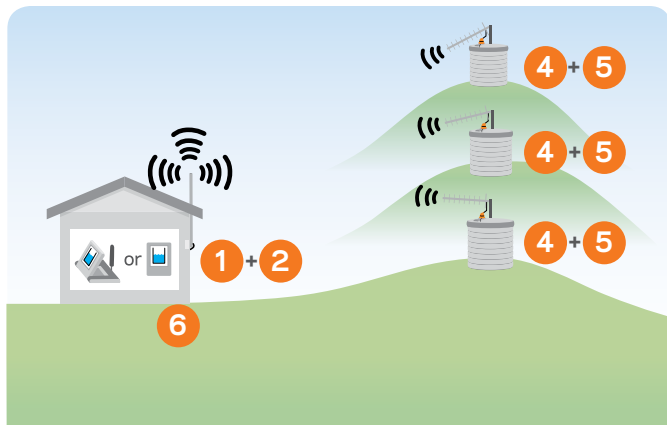
- Only one repeater can be used in a system (not designed to be daisy chained)
- Needs to face north so that the solar panel can keep the battery charged.



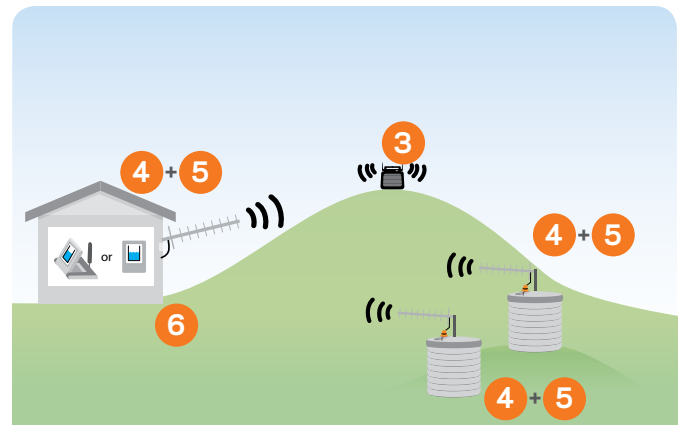
A 1 tank



C 1 tank



B 2 + tanks



D Further range extension

Antenna options

Step 2

Then use the product list below to determine the products needed for the system: 1 - 9

Multi Direction Antenna Systems for B

Multi directional antennae send/receive signals to/from multiple monitored locations and base display unit.

1

High Power External Multi Directional Antenna (Up to 6km)

G98507

A long life weatherproof antenna designed to be mounted externally to maximise the range and reception. Comes complete with brackets and hardware.



2

Cable (Up to 10m)

(For use with 1)

G98604 (4m) G98605 (10m)

Multi directional with SMA-male to N-female gold plated connectors.



Active Repeater for C

3

Active Repeater

G98513

Can be utilised to carry the signal over an obstacle preventing line of sight. Only 1 Active Repeater can be used per Water Monitoring System.



Single Direction Antenna Systems for A, B, D

Single direction antennae send/receive signals to/from a single monitored location.

4

Directional Ultra Long Range Antenna

10km G98501/5km G98503

Made from the highest quality weather resistant materials, this high performance antenna maximises range to a single location.



5

Cable (For use with 4)

G98602 (4m) G98603 (10m)

Directional Ultra Long Range High Performance low loss RG58U cable with SMA-male to SMA-male, gold plated connectors.



6

Wall Mount Adaptor

G98017

For use with Wall Mount Display Units to connect to Antenna cable.



Additional Antenna and cabling accessories

Additional antenna and cabling accessories for use in other scenarios where radio signal requires boosting.

0.5m Cable

G98601 (For use with 4)

Shorter length to ensure minimal signal loss between antenna.



Cable splitter

G98701

For use in systems that require two Directional Antenna - splits the transmission signal in half.



External Multi Directional Antenna

(Up to 4km)

G98505

External mounted option for standard distance installations that require improved reception to the base unit, especially useful for corrugated iron pump sheds.





FlashMate

FlashMate electronic heat detector makes accurate heat detection easy and improves 6 week in-calf rates. Easily applied, FlashMate detects multiple heats with high retention.

“ We picked up at least 10% more cows for AI using FlashMate than we would have if we just relied on the tail paint”

Will McDonald Bouldrewood Dairies, Bessiebelle, Victoria



FlashMate®

G98233

Accurate monitoring of standing heat is a critical factor for achieving 6 week in calf targets.

- Easy application - units are extremely easy to apply and maintain
- Detects multiple heats - units flash red again for the next detected heat cycle if AI has failed
- High retention - as a result of research into the best place for application, units can typically be retained throughout the mating season*
- Improved accuracy - smarter detection, looking for patterns (length, time, frequency) rather than what could be a single event
- Operates 24/7 - looks for spikes in contact activity, as a large percentage of mounting activity happens at night
- Low experience required - needs significantly less understanding and skill in correctly identifying heats, yet achieves what the best human operators are capable of - anyone can do it, allowing time off during the mating season for experienced personnel



FlashMate Heat Detector

96 Pack **G04050**

Includes 8 x 12 unit sheets, 4 x tins of glue plus a lanyard and instructions.

FlashMate Heat Detector

24 Pack **G04051**

Includes 2 x 12 unit sheets, 1 x tin of glue plus a lanyard and instructions.

How to apply FlashMate

Based on hundreds of hours of research, the technology inside FlashMate looks for specific patterns of riding activity such as frequency, number and length.



Step 1

Brush animals three days prior to application to remove loose hair, dried animal waste or dust etc.



Step 2

Apply glue in a circular patch slightly larger than the device and thick enough to penetrate the hair. Leave glue for a few minutes to become tacky.



Step 3

Peel and stick each Flashmate to the now tacky glue patch, pushing down firmly with the fingers.

How the system works



Heat Pattern Detected Flashes red

FlashMate flashes red for 26 hours once the right heat activity pattern is detected to indicate the cow is ready for artificial insemination.



No Subsequent Heat Pattern - Flashes green*

If the same cow returns to heat again FlashMate will again flash red. Once AI'd, if the same cow does not come back into heat within 25 days, FlashMate will flash green to indicate possible conception.



Subsequent Heat Pattern Flashes red*

If the same cow returns to heat again FlashMate will again flash red.

* Recommended maintenance due to spring hair regrowth - simple lifting of loose devices and re-spraying with glue to re-stick every 14 days.
FlashMate is a registered trademark of Farmshed Labs Ltd.

Animal Weighing, Data Collection and EID Systems

With 80 years of experience in the farming industry and a reputation for ground breaking innovations in animal management, Gallagher also leads the way in weighing and EID solutions – offering a full range of animal weighing, data collection and EID systems.

Why Weigh with EID?

A weighing and EID system saves both time and money by automating animal management and handling tasks. Teaming weighing with EID provides further opportunities for farmers to deliver on traceability legislative requirements and manage their business more profitably.

Some advantages of using a weighing and EID system:

Yard management

- Reduced time and effort – equipment reads fast and efficiently, automatically matching weight to animal ID number
- Improved accuracy – remove human error and prevent incomplete or inaccurate records
- Improved access to animal information – see full weight history for actual animal in the crush

Stock value improvement

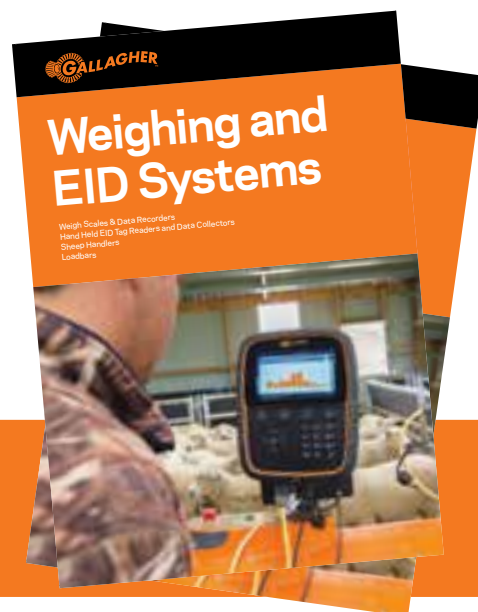
- Identify the poor performers – treat, allocate to different feeding group or quit early
- Accurate drenching levels – maximise treatment efficiency and minimise treatment costs
- Meet the market required weight range – choose an accurate selection of animals based on weight to maximise profit

Why Weigh?

Weighing is a powerful performance measurement tool for farmers, as informed management decisions come from animal weight data that is easily obtained and accurate.

The benefits of weighing animals include:

- Measure feed conversion to maximise yield by monitoring weight gain over time
- Monitor animal health
- Reach animal weights prior to mating for better reproduction rates
- Determine weaning weights
- Select animals by weight for sale and slaughter
- Evaluate animal breeding performance for genetic selection



See our weighing and EID brochure for our full range of weighing, drafting, handling and data management equipment.



The Gallagher range

TSi 2

G01901

Integrated touch screen weigh scale, computer and animal management system. The TSi 2 provides immediate access to detailed animal information, anywhere, at any time - in the yard, the office or on the farm.



TW-3

G02603

Advanced EID compatible, simple-to-operate, touch screen weigh scale and data collector. Allows you to record and draft by life data and traits.



W310v2

G01305

Entry level automatic weigh scale with basic drafting capability.



HR5v2

G03303

With its large colour screen and alpha numeric keyboard, the HR5 Hand Held EID Tag Reader is the most powerful portable data collection and editing platform available, providing flexibility in the yard.



Dashboard

Holds one version of the truth about your animals, backed up in the cloud and available on all your devices, anywhere you are. Dashboard makes it easy to share and sync all the information between all of your devices, however you want to collect, review and use your animal information.



TWR-5

G02606

An integrated EID Tag Reader means the TWR-5 makes the entire Weighing and EID system faster and simpler. Read EID Tags, record up to 9 traits and draft by life data and traits.



TW-1

G02601

Entry level, EID compatible, simple-to-operate, touch screen weigh scale. Allows you to draft by weight and record animal notes.



W210

G01205

Entry level weigh scale.



HR4v2

G03302

Gallagher HR4 Hand Held EID Tag Readers are the perfect tool for portable EID data collection. Easy recording of pre-defined animal data against EID tag numbers.



Loadbars and Platforms

A full range available for any weighing set up.



