

i Series Fence Energizer Systems

Remote monitoring for complete peace of mind.



King of Power



The Power to Farm Anywhere



M10,000i Fence Energizer

Combining the brute force power of 100 stored joules with the smarts of the i Series system, the new M10,000i Energizer will outperform all others.



MBS1000i, MBS1800i and MBS2800i Multi Powered Fence Energizers

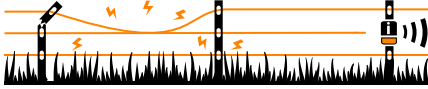
- Market leading efficiency with advanced solar panel technology
- Proven reliability, with adaptive i Series Energizer technology

Feel confident your stock are contained 24/7 with Gallagher's MB range of Smart Solar i Series Energizers.

The i Series Fence Monitoring System

Quickly and easily monitor your fence performance, informing you of any problems immediately so you can take action to save time and money.

1



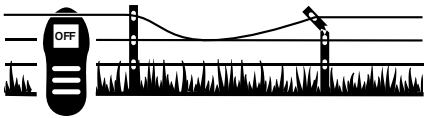
Fence Monitor(s)* recognize any significant drop in fence zone or Energizer performance and raise alarms.

2



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

4



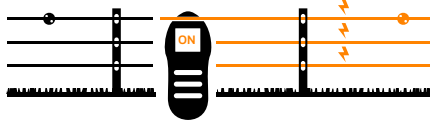
Power to the fence at the fault location is turned off using the Remote*, allowing a safe and convenient repair.

3

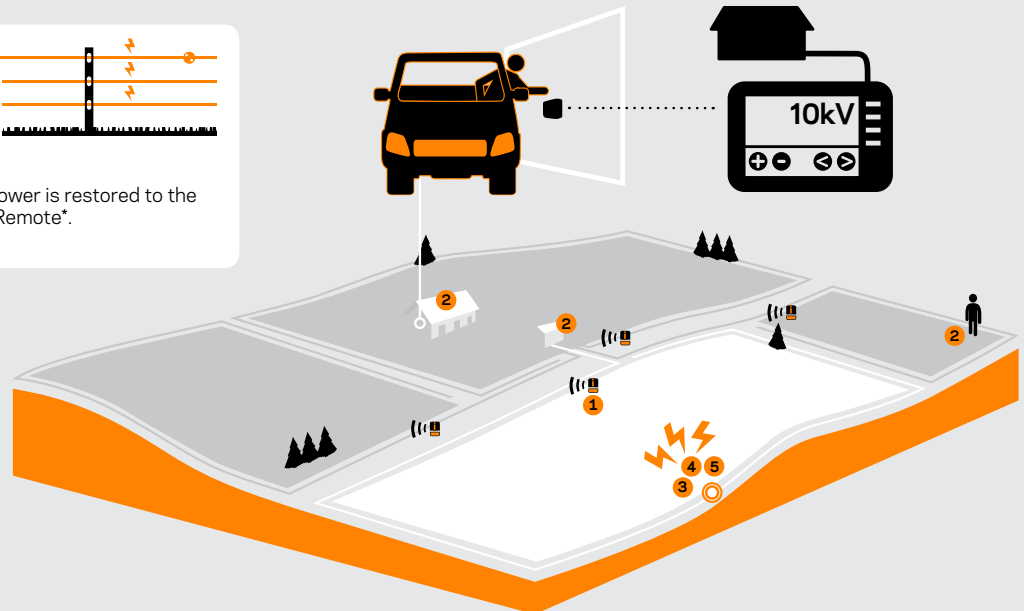


The Controller and Remote* indicate which zone is in fault. The Remote is used to find the fault within the zone.

5



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



*Sold separately.

Easily monitor and control fence performance

Energizer

M10,000i, M5800i, MBS2800i, MBS1800i, MBS1000i



- Reliable, adaptive Energizers that provide high performance livestock control when it matters.
- Consistent fence performance ensured regardless of extreme temperature conditions or unreliable power supply
- Battery powered ability when used with an inverter

Energizer Controller



- Mount Controller in a convenient location up to 50m* from Energizer for easy access to information
- Fully waterproof enabling outdoor mounting.
- View fence and zone performance at a glance
- Turn Energizer ON/OFF from Controller



Quickly and easily locate and repair faults

Fence Monitor



- Install up to six Fence Monitors on your fence to create monitored fence zones on your farm
- Monitors fence zones and alerts you of any significant drop in performance, saving time to locate faults on your farm

Energizer Remote & Fault Finder



- Accurately measures fence voltage and current
- Indicates which zone is in alarm and assists to find any fault(s) on the fence quickly and easily within that zone
- Once fault is located, turn the Energizer ON/OFF remotely to allow a safe and convenient fence repair



Fence performance in your pocket

Secure your farm assets

WiFi Gateway



- Shows you 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.



Alarm System



- Ideal to use as a security alarm where valuable farm equipment is located
- Enables a section of fence to be monitored, triggering an alarm siren and/or strobe light when the circuit is broken (e.g when an electric gate is opened)














Choose your system

i Series Mains

MODEL		STORED JOULES	PROPERTY SIZE (HECTARES/ ACRES)	MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)	MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)	COMPATIBLE POWER SOURCES
M10,000i		100	400/1000	200	50	
M5800i		58	240/600	140		

i Series MBS

MODEL		STORED JOULES	PROPERTY SIZE (HECTARES/ ACRES)	MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)	MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)	COMPATIBLE POWER SOURCES
MBS2800i		28	120/300	80	20	  
MBS1800i		18	75/190	65		  
MBS1000i		10	40/100	45		  

System Accessories

Energizer Remote & Fault Finder



G50700

Fence Monitor



G51000

WiFi Gateway



G56700

Alarm System



G57900

i Series MBS Solar Panel & Battery Selection

Gallagher sell the following solar packages. These include all components required for a complete solar Energizer set up.

Battery recharge option

All Gallagher Battery Energizers may be used with rechargeable or reusable batteries. Maintaining the charge in the battery is achieved via a solar panel or by periodically disconnecting and recharging it via mains.

Battery size 100Ah to 300Ah
- depends on Energizer size
(see chart)

Solar Panel 80W to 210W
- depends on sunshine hours
(see map and chart)






Solar Irradiance

Region 1 
Region 2 



Model	Region 1		Region 2	
	Solar Panel	Battery	Solar Panel	Battery
MBS2800i	210W	300Ah	160W	200Ah
MBS1800i	160W	200Ah	130W	200Ah
MBS1000i	130W	100Ah	80W	100Ah

Source: Meteonorm

Energizer	Solar Panels 130w G49602 80w G49582	Rechargeable Battery 12V 100 AH G51700	Insulated Battery Case G89114	Leadset G59500
				
MBS2800i	1 x 130W, 1 x 80W	3 x 100 AH	x3	x2
MBS2800i	2 x 80W	2 x 100 AH	x2	x1
MBS1800i	2 x 80W	2 x 100 AH	x2	x1
MBS1800i	1 x 130W	2 x 100 AH	x2	x1
MBS1000i	1 x 130W	1 x 100 AH	x1	n/a
MBS1000i	1 x 80W	1 x 100 AH	x1	n/a

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