

MBS Multi Powered Fence Energizers

Any power source. Anywhere.

New



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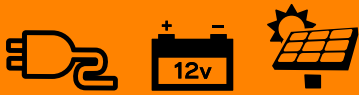
MBS Multi Powered Fence Energizers



No matter what your power source or location, the new Gallagher MBS Energizer range provides a high performing and convenient animal control solution.

- Use any power source
- Maximum fence performance in all operating modes
- Fast, flexible installation





MBS Multi Powered Fence Energizers

Mains Power Source

Designed for permanent installation where reliable mains power is available. In mains mode, the Energizer will always deliver maximum energy at a fixed pulse rate.

Mains leadset supplied with product.

Where mains power is unreliable, pair with a Gallagher Battery Back-up Charger and a 12V rechargeable battery to power your energizer if your mains goes down. See page 14.

Battery Back-up Charger and 12V battery sold separately.

Battery Power Source

Designed for portable, temporary fencing solutions. In battery mode, the Energizer will always deliver maximum energy at a fixed pulse rate. When the battery drops to 40% capacity, the unit reduces power consumption to extend run time, before stopping at 20% to prevent battery damage. The battery capacity is shown by the number of illuminated lights on the LED bar graph when the energizer is in battery check mode.

Battery leadset supplied with product. Battery sold separately.

Solar Power Source

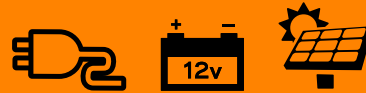
Gallagher's intelligent MBS Energizers and easy to install solar kits monitor battery voltage. The Energizer will adjust output when required to ensure continuous operation, maximise your fence performance and extend the life of your battery.

Gallagher solar kits and battery sold separately.



MBS Multi Powered Fence Energizers

MBS800, MBS400, MBS200 & MBS100



3 year warranty

Check battery health in an instant

Switch to battery check mode to view your battery status on the LED bar graph

Superior performance in all operating modes

Reliable fence voltage irrespective of your power source

Use any power source

Designed for mains, battery or solar installations up to 32 Hectares/80 Acres

View fence performance at a glance

LED bar graph indicates fence voltage performance

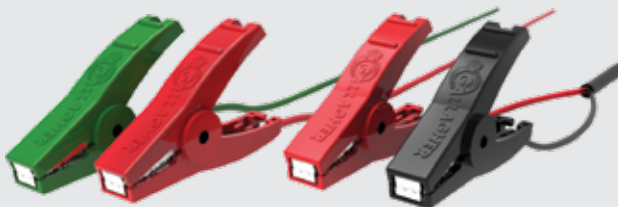
Use in the harshest of farming conditions

Portable, water resistant case, with built in lightning protection



All leadsets included

Mains, battery and fence leadsets all included with the Energizer
Gallagher solar kit sold separately



Fast, flexible installation

Easily set up portable or permanent installations in any location













Protect your battery

Smart battery management algorithm protects the battery from being over discharged and permanently damaged

Comparison table












MBS Multi Powered Fence Energizer

MBS Multi Powered Fence Energizer range:

MODEL	STORED JOULES	PROPERTY SIZE (HECTARES/ ACRES)	MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)	MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)	COMPATIBLE POWER SOURCES
MBS100  	1	4/10	10	3	  
MBS200  	2	8/20	20		  
MBS400  	4	16/40	30		  
MBS800  	8	32/80	40		  

Need more power?

MBS Multi Powered Energizers also available in larger i Series models:

MODEL	STORED JOULES	PROPERTY SIZE (HECTARES/ ACRES)	MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)	MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)	COMPATIBLE POWER SOURCES
MBS1000i 	10	40/100	45	11	  
MBS1800i 	18	75/190	65		  
MBS2800i 	28	120/300	80		  

MBS Solar Kit

20 Watt kit - G49521 40 Watt kit - G49541

Allows Gallagher MBS Energizers to be permanently installed with solar power for reliable, all year-round operation.

Each MBS Solar Kit comes complete with:

- 20 Watt or 40 Watt panel with built in regulator for managing the batteries charge
- Robust bracket for mounting both the solar panel and energizer
- Includes all required lead-sets to connect the solar panel to your energizer and battery
- U bolts for securely mounting onto a steel post and coach screws for mounting onto a wood post



Solar power for reliable,
all year-round operation



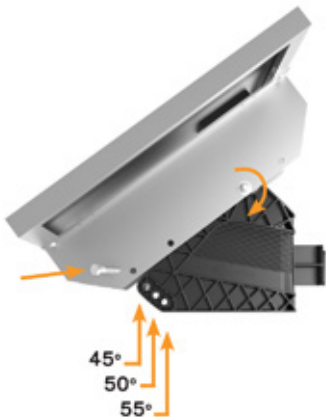
MBS Solar panel recommendations map

Model	Region 1		Region 2	
	Solar Panel	Battery	Solar Panel	Battery
MBS100	20W	70Ah	20W	70Ah
MBS200	20W	70Ah	40W	70Ah
MBS400	40W	70Ah	60W*	70Ah
MBS800	80W*	100Ah	130W*	100Ah

*For solar requirements above 40 Watts, Gallagher recommends larger 80 Watt (G49582) or 130 Watt (G49602) solar panel kits.

Adjusting the solar panel angle:

Set based on the position of the sun. In New Zealand, Gallagher recommend facing the solar panel north and setting the panel to a 55 degree angle to maximise year round solar performance.



Solar Irradiance

Region 1 
 Region 2 



Use this Solar map as a guide only, conditions may vary at your location. For expert advice on your solar set up contact your local Gallagher Territory Manager.

Battery Back-up Charger

G58210

To ensure you never lose power on your fence, connect between the mains power supply unit and the Energizer and connect to your 12V battery as a back-up power source.

Compatible with all Gallagher MBS Multi Powered Fence Energizers.

Never lose power

In the event of a mains power failure, the power source automatically switches your Gallagher MB/MBS Energizer to the external 12V battery

Battery is always charged

The battery is trickle charged when mains power is available ensuring it is ready to power the energizer when required

Superior reliability

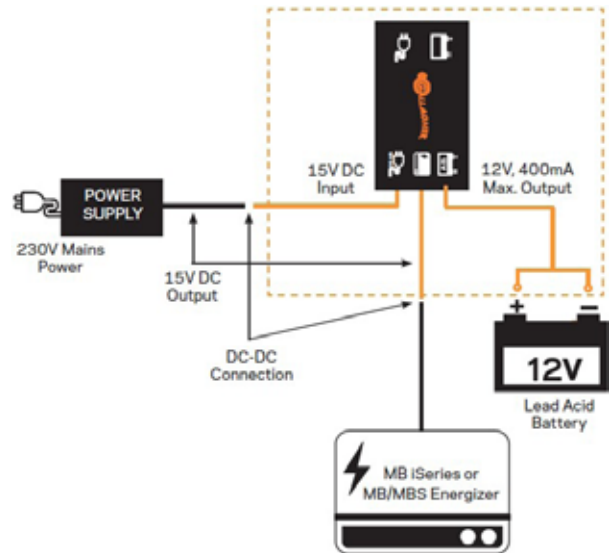
Extensive testing and industry leading manufacturing processes provide exceptional reliability under harsh farm conditions

Easy to install

Simply connect between the mains power supply and the energizer and connect to your 12V battery

Know your power status

LEDs on the charger tell you whether the Energizer system is running off mains or battery power source



Keep your energizer running in the event of a power failure



