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

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

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

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

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

*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.

* Three metre cable provided. Extend up to 50m with additional RJ12 cable.
Quickly and easily locate and repair faults

Fence Monitor

- Lightning protected circuitry
- Terminal protection cover
- Zone selection switch
- Fence / earth terminals

- 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

- Fence connection slot
- Energizer status / fence zones
- Output voltage / current displays
- Energizer on/off

- 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

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.

Secure your farm assets

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>STORED JOULES</th>
<th>PROPERTY SIZE (HECTARES/ACRES)</th>
<th>MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)</th>
<th>MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)</th>
<th>COMPATIBLE POWER SOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>M10,000i</td>
<td>100</td>
<td>400/1000</td>
<td>200</td>
<td>50</td>
<td>![Power Source]</td>
</tr>
<tr>
<td>M5800i</td>
<td>58</td>
<td>240/600</td>
<td>140</td>
<td>35</td>
<td>![Power Source]</td>
</tr>
</tbody>
</table>

### i Series MBS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>STORED JOULES</th>
<th>PROPERTY SIZE (HECTARES/ACRES)</th>
<th>MULTIWIRE DISTANCE LIGHT CONDITIONS (KM)</th>
<th>MULTIWIRE DISTANCE TYPICAL CONDITIONS (KM)</th>
<th>COMPATIBLE POWER SOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBS2800i</td>
<td>28</td>
<td>120/300</td>
<td>80</td>
<td>20</td>
<td>![Power Sources]</td>
</tr>
<tr>
<td>MBS1800i</td>
<td>18</td>
<td>75/190</td>
<td>65</td>
<td>17</td>
<td>![Power Sources]</td>
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<tr>
<td>MBS1000i</td>
<td>10</td>
<td>40/100</td>
<td>45</td>
<td>11</td>
<td>![Power Sources]</td>
</tr>
</tbody>
</table>

### System Accessories

- Energizer Remote & Fault Finder
- Fence Monitor
- WiFi Gateway
- Alarm System
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)

<table>
<thead>
<tr>
<th>Model</th>
<th>Region 1 Solar Panel</th>
<th>Region 1 Battery</th>
<th>Region 2 Solar Panel</th>
<th>Region 2 Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBS2800i</td>
<td>210W</td>
<td>300Ah</td>
<td>160W</td>
<td>200Ah</td>
</tr>
<tr>
<td>MBS1800i</td>
<td>160W</td>
<td>200Ah</td>
<td>130W</td>
<td>200Ah</td>
</tr>
<tr>
<td>MBS1000i</td>
<td>130W</td>
<td>100Ah</td>
<td>80W</td>
<td>100Ah</td>
</tr>
</tbody>
</table>

**Solar Irradiance**

<table>
<thead>
<tr>
<th>Region 1</th>
<th>Region 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

Source: Meteonorm

**Energizer**

<table>
<thead>
<tr>
<th>Energizer</th>
<th>Solar Panels</th>
<th>Rechargeable Battery</th>
<th>Insulated Battery Case</th>
<th>Leadset</th>
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</thead>
<tbody>
<tr>
<td>MBS2800i</td>
<td>1 x 130W, 1 x 80W</td>
<td>3 x 100 AH</td>
<td>x3</td>
<td>x2</td>
</tr>
<tr>
<td>MBS1800i</td>
<td>2 x 80W</td>
<td>2 x 100 AH</td>
<td>x2</td>
<td>x1</td>
</tr>
<tr>
<td>MBS1000i</td>
<td>1 x 130W</td>
<td>2 x 100 AH</td>
<td>x2</td>
<td>x1</td>
</tr>
<tr>
<td>MBS1000i</td>
<td>1 x 80W</td>
<td>1 x 100 AH</td>
<td>x1</td>
<td>n/a</td>
</tr>
<tr>
<td>MBS1000i</td>
<td>1 x 100 AH</td>
<td>x1</td>
<td>n/a</td>
<td></td>
</tr>
</tbody>
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GALLAGHER

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