



## JVA MB16 IP Electric Fence Energizer

### Overview:

The JVA MB16 IP Electric Fence Energiser makes animal control a breeze. Its new styling and features include an audible warning if there is a serious fault on the fence and JVA's patented Auto-Sync™ Technology which helps keep your fences safe. The JVA MB16 Energizer will run on a 12V battery or 110/240Vac. Up to 16 Joules output, or a whopping 24J of stored energy.

The MB16 comes with built-in Wi-Fi, ready to connect to your mobile phone via the cloud. With JVA's App Direct technology, you can control and monitor your energizer via an Android app. Contact JVA sales for more information on the App direct system.

### Features:

- Sleek styling, rugged practical design
- IP Energizer® technology with built in Wi-Fi – see the fence voltage, get notified of alarms, and control the energizer via the free IP Energizer Controller App
- Auto-Sync™ Technology for safer fences
- LCD shows fence voltage, stored energy and battery voltage
- Power on demand (automatically ramps up power when needed)
- Bi-Polar or conventional output
- Reverse battery protection
- Highly efficient and intelligent digital design
- UV stable enclosure
- O-Ring sealed IP66 case for ant and moisture protection
- Designed and manufactured in Australia

### Specifications:

|               |                |           |
|---------------|----------------|-----------|
| <b>Output</b> | Peak Voltage:  | 8.8 kV    |
|               | Peak Energy:   | 16 Joules |
|               | Stored Energy: | 24 Joules |
| <b>Size</b>   | Height:        | 250 mm    |
|               | Width:         | 180 mm    |
|               | Depth:         | 136 mm    |
| <b>Weight</b> | Product:       | 3.1 kg    |
|               | Packed:        | 3.6 kg    |

### Package Contents:

- JVA MB16 electric fence energiser
- Battery leads
- Mains power adapter
- Instructions

### Warranty:

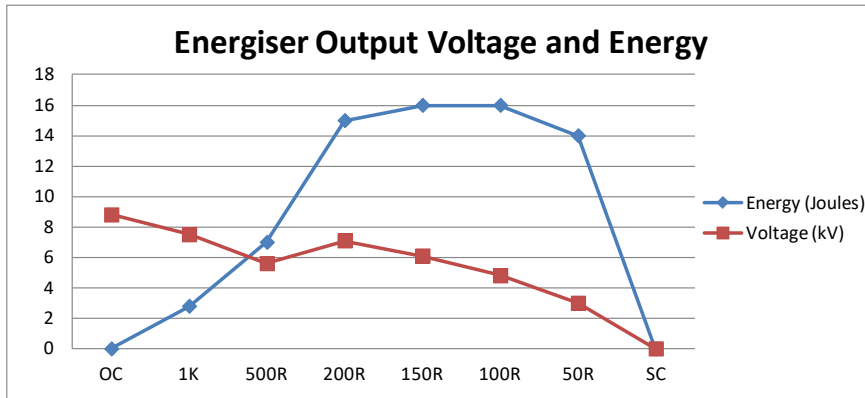
3 Year Manufacturer Warranty (excluding lightning damage)

### For more information:

See the Website at: <http://www.jva-fence.com.au>



## Output Graphs:



## Battery Life Table:

The table below shows how many days an MB16 will run to 50% capacity of a 12V SLA battery of different sizes. The less flat you run a battery, the longer it will last.

| Battery Size | 85Ah | 120Ah | 165Ah | 270Ah |
|--------------|------|-------|-------|-------|
| Days         | 1.1  | 1.6   | 2.2   | 3.5   |

## Solar Panel Size Table:

The table below shows the solar panel size required to keep a 12V 165Ah SLA battery charged under different solar conditions. The solar panel will need to be capable of charging a 12 volt battery (have a maximum power voltage of approximately 16 volts). A solar regulator such as the JVA PTE3004 is recommended to protect the battery from over-charging. To use this table, contact your local meteorological authority and find the minimum sun hours per day your area receives. This is usually quoted as the average hours of sun per day in mid winter.

| Minimum Sun Hours/Day | 4         | 5         | 6         | ≥7        |
|-----------------------|-----------|-----------|-----------|-----------|
| Solar Panel Size      | 185 Watts | 150 Watts | 120 Watts | 105 Watts |

## Dimensions:

