MR12-540 VALVE REGULATED LEAD ACID BATTERY
PREMIUM REPLACEMENT FOR UPS12-530FR
FOR UPS STANDBY POWER APPLICATIONS

12V 147 AH @ 20 HR RATE,
12V 537 WATTS/CELL @ 15 MIN. RATE

FEATURES

- 10 Year design life @ 25°C (77°F)
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance.
- Patented flame-arresting one-way pressure-relief vent providing vacuum and controlled backpressure for long life recombinant operation.
- Designed to comply with ANSI and Eurobat battery standards.
- Specifically designed for optimum performance in UPS applications.
- Proprietary computer modeled radial grid matrix using multiple conductors for providing the lowest internal resistance and highest current carrying efficiency.
- Proprietary Fixed Orifice Pasting technology applying active material on both sides of the grid for consistent cell-to-cell performance, highest paste packing efficiency and uniform grid protection.
- Lowest calcium levels among battery manufactures minimizing grid growth and extended battery life.
- UL-recognized component.
- Thermally welded case-to-cover bond to eliminate leakage.
- Can be mounted in any orientation. Upright, side, or end mounting recommended.
- Not restricted for air transport – Complies with IATA/ICAO Special Provision A67.
- Not restricted for surface transport – Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189.
- Flame retardant polypropylene case and cover compliant with UL 1778 (optional).

SPECIFICATIONS

12 Volts – 147 AH @ 20 Hour Rate
12 Volts – 537 Watts Per Cell For 15 Minutes to 1.67 Volts Per Cell
Constant Power Discharge Ratings – Watts Per Cell @ 77°F (25°C)

<table>
<thead>
<tr>
<th>End Point Volts/Cell</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>45</th>
<th>50</th>
<th>60</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.67</td>
<td>654.0</td>
<td>537.0</td>
<td>450.0</td>
<td>344.0</td>
<td>277.0</td>
<td>252.0</td>
<td>230.0</td>
<td>198.0</td>
<td>139.0</td>
</tr>
</tbody>
</table>
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Note: Batteries to be mounted with 0.5 in. (1.25 cm) spacing minimum and free air ventilation. Specifications subject to change without notification.