MR12-150
(Premium Replacement for UPS12-140FR)

VALVE REGULATED
LEAD ACID BATTERY
FOR UPS STANDBY
POWER APPLICATIONS
12V 35 AH @ 20 HR RATE,
12V 148 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.
- 3 Year Warranty (refer Dynasty warranty
card, 41-9011)
- Patented Long Life Alloy having the lowest
calcium levels in the industry - minimizing
grid growth, reducing gassing, and
extending battery life.
- Patented UL Recognized Flame-arresting
vents in each cell for safety and long life.
- Designed with the same recombination,
thermal runaway prevention, gassing
and flame retardant characteristics of the
Bellcore 4228 compliant Dynasty
Telecom products.
- Proprietary computer modeled radial grid
matrix using multiple conductors to provide
the lowest internal resistance and highest
current carrying capability.
- Proprietary Fixed Orifice Plate Pasting
technology applying active material on both
sides of the grid for consistent cell-to-cell
performance, higher capacity and uniform
grid protection.
- UL-recognized component complying with
UL1778, 924, 1989 and 94 V-0
- Thermally welded case-to-cover bond to
eliminate leakage.
- Can be operated 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
- Not restricted for water transport –
Classified as non-hazardous material
per IMDG Amendment 27.
- Flame-retardant polypropylene case and
cover compliant with UL 94 V-0 with an
Oxygen Limiting Index of greater than 28.

Optional Inserted Terminal
Call Factory for Details

12 Volts – 148 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>192</td>
<td>148</td>
<td>120</td>
<td>89</td>
<td>71</td>
<td>65</td>
<td>60</td>
<td>51</td>
<td>36</td>
</tr>
</tbody>
</table>
**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>1.75</td>
<td>182</td>
<td>141</td>
<td>115</td>
<td>86</td>
<td>69</td>
<td>63</td>
<td>58</td>
<td>49.7</td>
<td>35.0</td>
</tr>
<tr>
<td>1.70</td>
<td>188</td>
<td>144</td>
<td>118</td>
<td>87</td>
<td>70</td>
<td>63.9</td>
<td>58.8</td>
<td>50.4</td>
<td>35.5</td>
</tr>
<tr>
<td>1.67</td>
<td>192</td>
<td>148</td>
<td>120</td>
<td>89</td>
<td>71.1</td>
<td>64.9</td>
<td>59.5</td>
<td>51</td>
<td>36.0</td>
</tr>
<tr>
<td>1.65</td>
<td>196</td>
<td>150</td>
<td>122</td>
<td>90</td>
<td>71.8</td>
<td>65.3</td>
<td>60</td>
<td>51.5</td>
<td>36.3</td>
</tr>
<tr>
<td>1.60</td>
<td>200</td>
<td>152</td>
<td>123</td>
<td>91</td>
<td>72.5</td>
<td>66.0</td>
<td>60.5</td>
<td>51.8</td>
<td>36.5</td>
</tr>
</tbody>
</table>

**Constant Current Discharge Ratings** – Amperes @ 77˚F (25˚C)

<table>
<thead>
<tr>
<th>End Point Volts/Cell</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>5</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>20</th>
<th>24</th>
<th>72</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.86</td>
<td>22.5</td>
<td>12.5</td>
<td>8.80</td>
<td>5.68</td>
<td>3.76</td>
<td>3.10</td>
<td>2.63</td>
<td>1.65</td>
<td>1.39</td>
<td>0.47</td>
</tr>
<tr>
<td>1.80</td>
<td>23.8</td>
<td>13.1</td>
<td>9.20</td>
<td>5.90</td>
<td>3.90</td>
<td>3.21</td>
<td>2.72</td>
<td>1.69</td>
<td>1.42</td>
<td>0.48</td>
</tr>
<tr>
<td>1.75</td>
<td>25.2</td>
<td>13.7</td>
<td>9.52</td>
<td>6.05</td>
<td>4.00</td>
<td>3.29</td>
<td>2.78</td>
<td>1.73</td>
<td>1.45</td>
<td>0.49</td>
</tr>
</tbody>
</table>

**Note:** Batteries to be mounted with 0.5 in (1.25 cm) spacing minimum and free air ventilation. Specifications subject to change without notification.