MR12-350
(Premium Replacement for UPS12-310FR)

VALVE REGULATED
LEAD ACID BATTERY
FOR UPS STANDBY
POWER APPLICATIONS
12V 93 AH @ 20 HR RATE,
12V 350 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.

C&D Technologies, Inc.
DYNASTY Division
900 East Keefe Avenue
Milwaukee, WI 53212
Phone: 800-396-2789
Fax: 414-961-6506
### 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>410</td>
<td>327</td>
<td>274</td>
<td>205</td>
<td>164</td>
<td>149</td>
<td>137</td>
<td>118</td>
<td>85</td>
</tr>
<tr>
<td>1.70</td>
<td>425</td>
<td>337</td>
<td>283</td>
<td>211</td>
<td>167</td>
<td>152</td>
<td>140</td>
<td>120</td>
<td>86</td>
</tr>
<tr>
<td>1.67</td>
<td>440</td>
<td>350</td>
<td>290</td>
<td>217</td>
<td>171</td>
<td>155</td>
<td>141</td>
<td>122</td>
<td>87</td>
</tr>
<tr>
<td>1.65</td>
<td>455</td>
<td>360</td>
<td>298</td>
<td>219</td>
<td>173</td>
<td>157</td>
<td>144</td>
<td>123</td>
<td>88</td>
</tr>
<tr>
<td>1.60</td>
<td>470</td>
<td>370</td>
<td>303</td>
<td>222</td>
<td>175</td>
<td>159</td>
<td>145</td>
<td>125</td>
<td>89</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.

### 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>53.0</td>
<td>31.9</td>
<td>22.1</td>
<td>14.8</td>
<td>10.08</td>
<td>8.34</td>
<td>7.08</td>
<td>4.40</td>
<td>3.71</td>
<td>1.29</td>
</tr>
<tr>
<td>1.80</td>
<td>59.0</td>
<td>33.5</td>
<td>23.7</td>
<td>15.6</td>
<td>10.63</td>
<td>8.74</td>
<td>7.42</td>
<td>4.55</td>
<td>3.83</td>
<td>1.32</td>
</tr>
<tr>
<td>1.75</td>
<td>63.0</td>
<td>35.1</td>
<td>24.8</td>
<td>16.1</td>
<td>11.00</td>
<td>9.00</td>
<td>7.58</td>
<td>4.65</td>
<td>3.90</td>
<td>1.34</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.