VRLA Battery

MN 65-12
12V65AH

MN Deep Cycle Battery

MHB MN Series—Deep Cycle SLA Battery
- Completely sealed and maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula, Gelled electrolyte formula and updated manufacturing technique
- Floating & standby use: up to 10 years
- Cycle use 1: Up to 400 cycles at 100% DOD
- Cycle use 2: Up to 650 cycles at 50% DOD

Application:
- Telecommunications
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply
- DC power supply
- Auto control system

Construction:
- Component ...... Raw material
- Positive ...... Lead dioxide
- Negative ...... Lead
- Container ...... ABS
- Cover ...... ABS
- Sealant ...... Epoxy
- Safety valve .... Rubber
- Terminal ...... Copper
- Separator ...... Fiber glass
- Electrolyte ...... Sulfuric acid

Battery Model | MN 65-12 | 12V65AH
--- | --- | ---
Designed Floating Life | Up to 10 Years
Capacity (25°C) | 20HR(3.38A,10.8V) | 10HR(6.50A,10.8V) | 5HR(12.41A,10.5V) | 1HR(41.54A,10.5V)
67.60AH | 65.00AH | 62.05AH | 41.54AH
Dimensions | Length | Width | Height | Total Height
350mm (13.78inch) | 167mm (6.57inch) | 174mm (6.85inch) | 174mm (6.85inch)
Approx. Weight | 20.60Kg ±3%
Internal Resistance | Full charged at 25°C: ≤8.0mΩ
Self Discharge | 2% of capacity declined per month at (25°C)
Capacity Affected by Temp.(20HR) | 40°C | 25°C | 0°C | -15°C
102% | 100% | 85% | 65%
Charge Voltage(25°C) | Cycle use | Float use
14.40-15.00V(-30mV/°C), max. Current:19.5A | 13.50-13.80V (-20mV/°C)

FUJIAN MINHUA POWER SOURCE CO., LTD.

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Constant Current Discharge (CC, Unit: A) at 25 ℃ (77 ℉)

<table>
<thead>
<tr>
<th>F.V/Time</th>
<th>5Min</th>
<th>10Min</th>
<th>15Min</th>
<th>30Min</th>
<th>1Hr</th>
<th>2Hr</th>
<th>3Hr</th>
<th>4Hr</th>
<th>5Hr</th>
<th>6Hr</th>
<th>10Hr</th>
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<td>226.70</td>
<td>133.83</td>
<td>105.18</td>
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<td>109.20</td>
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Constant Power Discharge (CP, Unit: W) at 25 ℃ (77 ℉)

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<th>F.V/Time</th>
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<th>10Min</th>
<th>15Min</th>
<th>30Min</th>
<th>1Hr</th>
<th>2Hr</th>
<th>3Hr</th>
<th>4Hr</th>
<th>5Hr</th>
<th>6Hr</th>
<th>10Hr</th>
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