

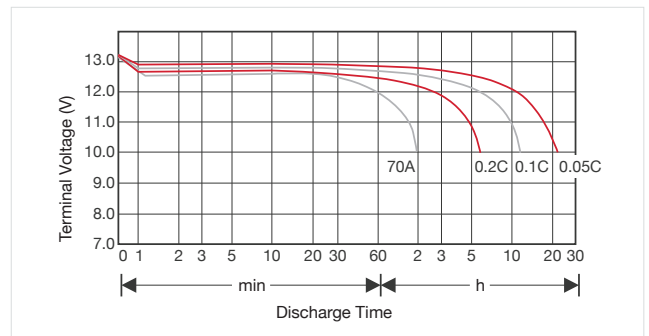


100AH DUAL BMS PREMIUM TECH SPECS

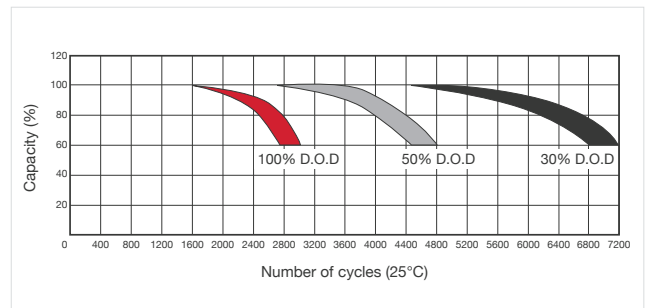
PARAMETER CHART:

| Volts | 12V | | | | |
|----------------------------------|---|---|--------------|---|--------------|
| Capacity (25°C) | 10 hours rate (10A) | 100AH | | | |
| Internal Resistance | Full charged battery 25°C | ≤ 30Ω | | | |
| | 40°C | 101% | | | |
| | 25°C | 100% | | | |
| | 0°C | 93% | | | |
| Capacity Affected by Temperature | -20°C | 65% | | | |
| | Capacity after 3 months storage | 87% | | | |
| | Capacity after 6 months storage | 74% | | | |
| Residual Capacity (25°C) | Capacity after 12 months storage | 50% | | | |
| | Charge (Constant Voltage) | <table border="1"> <tr> <td>Cycle (25°C)</td> <td>Initial charging current less than 100A. Voltage 14.4~14.8V</td> </tr> <tr> <td>Float (25°C)</td> <td>Charge voltage 13.6~13.8V</td> </tr> </table> | Cycle (25°C) | Initial charging current less than 100A. Voltage 14.4~14.8V | Float (25°C) |
| Cycle (25°C) | Initial charging current less than 100A. Voltage 14.4~14.8V | | | | |
| Float (25°C) | Charge voltage 13.6~13.8V | | | | |
| Discharge Current (25°C) | 150A (Continuous); 300A (5 Seconds) | | | | |
| Weight (Approx) | 11.2kg | | | | |

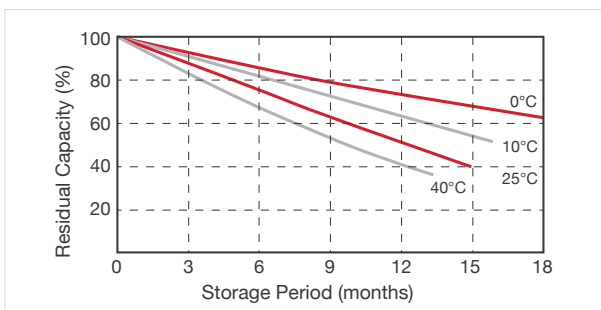
DISCHARGE CURRENT 25°C



CYCLE SERVICE LIFE IN RELATION TO THE DEPTH OF DISCHARGE



RESIDUAL CAPACITY



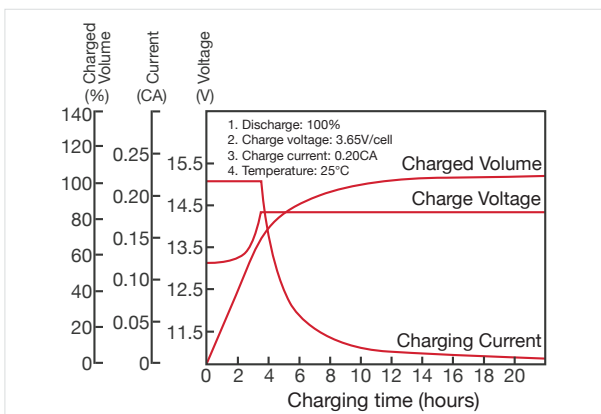
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A, 25 °C)

| F.V/Time | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|----|----|----|----|----|-----|-----|
| 10V | 60 | 40 | 30 | 24 | 15 | 12 | 6 |

CONSTANT POWER DISCHARGE CHARACTERISTICS (WATT, 25 °C)

| F.V/Time | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-----|-----|-----|-----|-----|-----|-----|
| 10V | 720 | 480 | 360 | 288 | 180 | 144 | 72 |

CONSTANT VOLTAGE CHARGING CHARACTERISTICS



CAPACITY FACTORS WITH DIFFERENT TEMPERATURE

| Battery Type | | -20°C | -10°C | 0°C | 5°C | 10°C | 20°C | 25°C | 30°C | 40°C | 45°C |
|--------------|-----|-------|-------|-----|-----|------|------|------|------|------|------|
| Li Battery | 12V | 73% | 82% | 93% | 95% | 97% | 100% | 100% | 100% | 101% | 102% |

* The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.