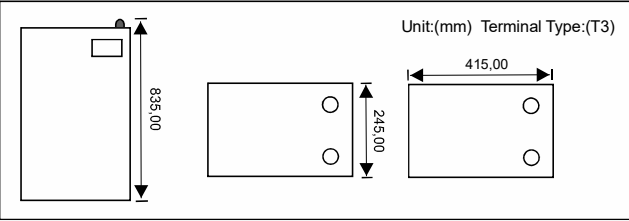


51.2 V 315Ah LiFePO4



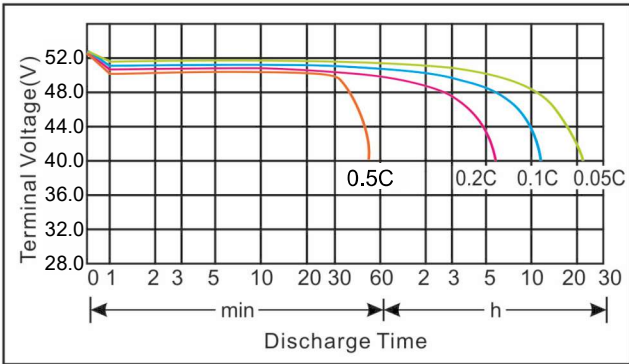
- Extremely durable and reliable
- High charging efficiency with high current
- Improved cycle life performance
- Improved 100% Domestic BMS Technology
- Vibration resistant (suitable for mobile applications)
- Series and parallel connection capability



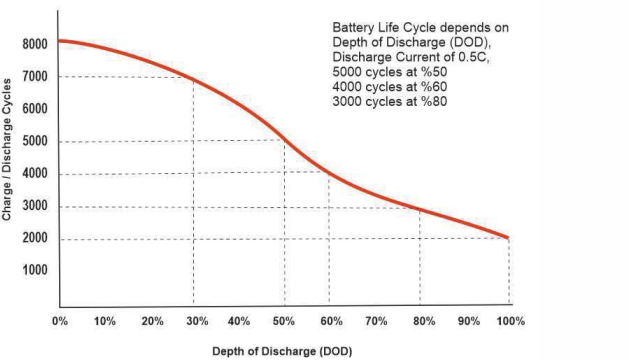
Parameter Chart:

| Volts | | 51.2 V 315Ah | |
|--|--|---|--|
| Capacity(25°C) | 10 hours rate (10A) | 315 Ah | |
| Internal Resistance | Full Charged Battery 25°C | ≤ 20mΩ | |
| Capacity Affected By Temperature (at 0.5C) | 40°C | 101% | |
| | 25°C | 100 % | |
| | 0°C | 93 % | |
| | -20°C | 80 % | |
| Residual Capacity (25°C) | Capacity After 3 Months Storage | 91 % | |
| | Capacity After 6 Months Storage | 82 % | |
| | Capacity After 12 Months Storage | 60 % | |
| Charge (Constant Voltage) | Cycle (25°C) | Recommended Initial Charging Current Less Than 100 A Voltage 56,8 V - 58,4 V | |
| Discharge Current (25°C) | 103 A (Max. continuous) ; 200 A (5 Seconds) | | |
| Weight (Approx) | | 130 kg +/- %2 | |

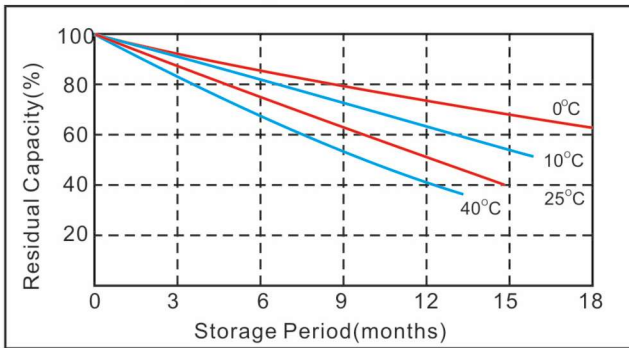
Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

| F.V/Time | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-----|-----|-----|----|----|-------|------|-------|
| 40 V | 315 | 157 | 105 | 79 | 63 | 39.37 | 31.5 | 15.75 |

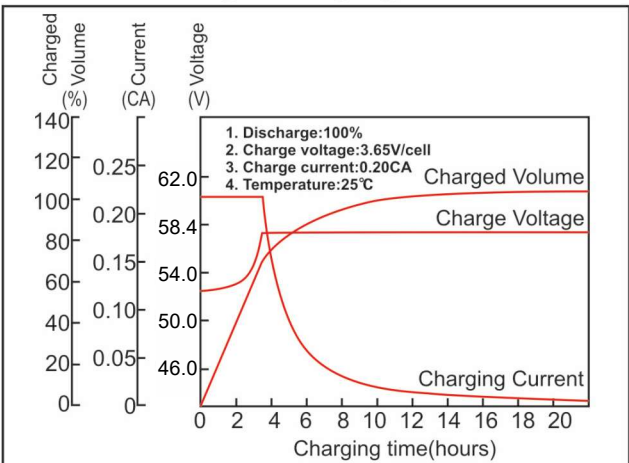
Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/Time | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|------|------|------|-----|-----|-----|-----|-----|
| 40 V | 3780 | 1890 | 1260 | 945 | 756 | 472 | 378 | 189 |

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 | 51.2 V | 73% | 82% | 93% | 95% | 97% | 100% | 100% | 101% | 102% |

Constant voltage charging characteristics



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