

# LC 200 Marine LT



LiFePO<sub>4</sub> Battery | 12.8 V | 200 Ah | 2560 Wh

## Technical Specifications

|                    |                                 |
|--------------------|---------------------------------|
| Nominal Voltage    | 12.8V                           |
| Nominal Capacity   | 200Ah                           |
| Capacity Tolerance | ± 4%                            |
| Capacity @ 25 A    | 480 minutes                     |
| Energy             | 2560Wh                          |
| Resistance         | ≤30mΩ                           |
| Self Discharge     | <3% / month                     |
| Cell Type          | LiFePO <sub>4</sub>             |
| Certificates       | CE, UN38.3, RoHS, IP67, ECE R10 |

## Mechanical Specifications

|                    |                    |
|--------------------|--------------------|
| Dimensions (L×W×H) | 485 × 172 × 232 mm |
| Approx. Weight     | 22.5kg             |
| Terminals          | M8 (8 to 10 N m)   |
| Case Material      | ABS                |

## Discharge Specifications

|                                    |                   |
|------------------------------------|-------------------|
| Max. Continuous Discharge Current  | 200A              |
| Peak Discharge Current             | 300A (15s±5s)     |
| BMS Discharge Cut-Off Current      | 800A (5s)         |
| Recommended Low Voltage Disconnect | 11.2V             |
| BMS Discharge Cut-Off Voltage      | >10V (2.5V/cell)  |
| Reconnect Voltage                  | >11.2V(2.8V/cell) |
| Short Circuit Protection           | 1200A to 500μs    |

## Charge Specifications

|                             |                    |
|-----------------------------|--------------------|
| Recommended Charge Current  | ≤100A              |
| Maximum Charge Current      | 200A               |
| Recommended Charge Voltage  | 14.2V              |
| BMS Charge Cut-Off Voltage  | 15V (3.75V/cell)   |
| Over-charge release         | <14.4V (3.6V/cell) |
| Float charge voltage        | 13.8V              |
| Maximum Batteries in Series | 4                  |

## Temperature

|                              |             |
|------------------------------|-------------|
| Discharge Temperature        | -20 to 60°C |
| Charge Temperature           | -30 to 45°C |
| Storage Temperature          | -10 to 45°C |
| BMS High Temperature Cut-Off | 65°C        |
| Reconnect Temperature        | 50°C        |

## Dimensions

