



Deep Cycle LiFePO₄ Lithium-Eisenphosphat Batterie

MLB-12200-BT

| Elektrical Specifications | | Charge Specifications | |
|---------------------------|------------------|------------------------------|-------------------------|
| Nominal Voltage | 12.8 V | Recommended Charge Current | 25 A-80 A |
| Nominal Capacity | 200 Ah | Maximum Charge Current | 100 A |
| Capacity @25A | 480 min | Recommended Charge Voltage | 14.2 V - 14.6 V (CC/CV) |
| Energy | 2560 Wh | BMS Charge Voltage Cut-Off | 15.6 V (1.1 ±0.4 s) |
| Resistance | ≤30 mΩ @ 50% SOC | Reconnect Voltage | 15.2 V |
| Self Discharge | <3% per Month | Balancing Voltage | 14.4 V |
| Max. Batteries in Series | 4 | Charge Current (0 to -10 °C) | ≤0.01 C |

| Mechanical Specifications | | Discharge Specifications | |
|---------------------------|--------------------|------------------------------------|-----------------------|
| Dimensions (L x W x H) | 485 x 170 x 241 mm | Max. Continuous Discharge Current | 200 A |
| Weight | 23 kg | Peak Discharge Current | 300 A (7.5 s ±2.5 s) |
| Terminal Type | M8 | BMS Discharge Current Cut-Off | 400 A ±50 A (9 ±4 ms) |
| Terminal Torque | 9 - 11 N-m | Recommended Low Voltage Disconnect | 11 V |
| Case Material | ABS | BMS Discharge Voltage Cut-Off | >9,2 V |
| | | Reconnect Voltage | >10,8 V |
| | | Short Circuit Protection | 200-600 μs |



| Compliance Specifications | | Temperature Specifications | |
|---------------------------|--------------------------------------|------------------------------|-------------|
| Certifications | CE (Battery), UN38.3 (Battery), RoHS | Discharge Temperature | -20 ~ 60 °C |
| Shipping Classification | UN 3480, CLASS 9 | Charge Temperature | 0 ~ 45 °C |
| | | Storage Temperature | -5 ~ 35 °C |
| | | BMS High Temperature Cut-Off | 80 °C |
| | | Reconnect Temperature | 50 °C |