



Deep Cycle LiFePO₄ Lithium-Eisenphosphat Batterie

MLB-12200-NT

Elektrical Specificationen		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)	≤0.5 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 Specificationen	
Certifications	CE (Battery), UN38.3 (Battery), RoHS	Discharge Temperature	-20 ~ 60 °C
Shipping Classification	UN 3480, CLASS 9	Charge Temperature	-30 ~ 45 °C
		Storage Temperature	-5 ~ 35 °C
		BMS High Temperature Cut-Off	80 °C
		Reconnect Temperature	50 °C