

LC 120 Slim LT



LiFePO₄ Battery | 12,8 V | 120 Ah | 1536 Wh | Bluetooth function

Technical Specifications

Nominal Voltage	12.8V
Nominal Capacity	120Ah
Capacity @ 25 A	288 minutes
Energy	1536Wh
Resistance	≤30mΩ
Self Discharge	<3% / month
Cell Type	LiFePO ₄
Certificates	CE, UN38.3, RoHS, IP55

Mechanical Specifications

Dimensions (L×W×H)	466 × 126 × 290 mm
Approx. Weight	20.0kg
Terminals	M8 and SAE round 2 × 12V Anderson (50A) 12V car cigarette lighter outlet 1 × USB-A, 1 × USB-C
Case Material	Metal

Discharge Specifications

Max. Continuous Discharge Current	250A
Peak Discharge Current	350A (15s±5s)
BMS Discharge Cut-Off Current	2000A (<1s)
Recommended Low Voltage Disconnect	11V
BMS Discharge Cut-Off Voltage	<10V (2.5V/cell)
Reconnect Voltage	>11.2V(2.8V/cell)
Short Circuit Protection	200 to 600 μs

Charge Specifications

Recommended Charge Current	≤50A
Maximum Charge Current	100A
Recommended Charge Voltage	14.6V
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

