

LC 120 Dual

Dual Purpose LiFePO₄ Battery | 12.8 V | 120 Ah | 1536 Wh



Technical Specifications

Nominal Voltage	12.8 V
Nominal Capacity	120 Ah
CCA (5 seconds)	1320 A
Capacity @ 25 A	288 minutes
Energy	1536 Wh
Resistance	2.6 mΩ
Self Discharge	<3% / month
Cell Type	LiFePO ₄
Cycles (50/80% DoD)	5000/2000 cycles

Mechanical Specifications

Dimensions (L×W×H)	315 × 175 × 190 mm
Approx. Weight	10.2 kg
Terminals	M8 (8 to 10 N m)
Case Material	ABS

Discharge Specifications

Max. Continuous Discharge Current	120 A
Peak Discharge Current	1320 A
Recommended Low Voltage Disconnect	11 V
BMS Discharge Cut-Off Voltage	9 V
Reconnect Voltage	> 9,2 V
Short Circuit Protection	Integrated


Charge Specifications

Recommended Charge Current	60 A
Maximum Charge Current	120 A
Recommended Charge Voltage	14.8 V
BMS Charge Cut-Off Voltage	15.6 V
Over-Charge Release	15.2 V
Max. Batteries (Parallel)	4
Max. Batteries in Series	2

Temperature

Discharge Temperature	-30 to 60 °C
Charge Temperature	-20 to 55 °C
Storage Temperature	10 to 35 °C
BMS High Temperature Cut-Off	75 ± 5 °C

Certificates

Certificates	CE, ROHS, UN38.3
Shipping Class	UN 3480, Class 9
ECE R10 Conformity	 10R06/02*6066*00

Dimensions

