

LC 4 CS

Dual Purpose LiFePO₄ Battery | 12.8 V | 4 Ah | 51.2 Wh



Technical Specifications

Nominal Voltage	12.8 V
Nominal Capacity	4 Ah
CCA (5 seconds)	165 A (5 seconds)
Capacity @ 25 A	9.6 min
Energy	51.2 Wh
Resistance	7.8 mΩ
Self Discharge	<3% / month
Cell Type	LiFePO ₄
Cycles (50/80% DoD)	5000/2000 cycles

Mechanical Specifications

Dimensions (L×W×H)	113 × 69 × 86 mm
Approx. Weight	0.76 kg
Terminals	M6
Case Material	ABS

Discharge Specifications

Max. Continuous Discharge Current	8 A
Peak Discharge Current	110 A (≤ 30 s)
Recommended Low Voltage Disconnect	11 V
BMS Discharge Cut-Off Current	250 A (300 ms)
BMS Discharge Cut-Off Voltage	9.2 V
Reconnect Voltage	> 9.4 V
Short Circuit Protection	Integrated

Charge Specifications

Recommended Charge Current	4 A
Maximum Charge Current	8 A
Recommended Charge Voltage	14.8 V
BMS Charge Cut-Off Voltage	15.6 V
Over-Charge Release	15.2 V
Max. Batteries (Parallel)	-
Max. Batteries in Series	2

Temperature

Discharge Temperature	-20 to 60 °C
Charge Temperature	-10 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	(E24) 10R06/02*6064*00

Dimensions

