

# LC 105 Dual

Dual Purpose LiFePO<sub>4</sub> Battery | 12.8 V | 105 Ah | 1344 Wh



## Technical Specifications

Nominal Voltage	12.8 V
Nominal Capacity	105 Ah
CCA (5 seconds)	1100 A
Capacity @ 25 A	252 minutes
Energy	1344 Wh
Resistance	2.8 mΩ
Self Discharge	<3% / month
Cell Type	LiFePO <sub>4</sub>
Cycles (50/80% DoD)	5000/2000 cycles

## Mechanical Specifications

Dimensions (L×W×H)	278 × 175 × 190 mm
Approx. Weight	8.9 kg
Terminals	M8 (8 to 10 N m)
Case Material	ABS

## Discharge Specifications

Max. Continuous Discharge Current	105 A
Peak Discharge Current	1155 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	50 A
Maximum Charge Current	105 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*6065*00

## Dimensions

