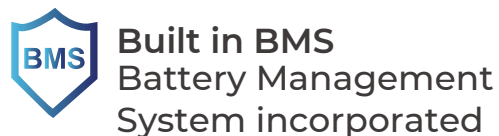


TECHNICAL DATA SHEET

12.8V 100Ah



PRODUCT FEATURES



General & Supply Chain Parameters

Internal Model Ref.	LFP-12.8-100
Cell Manufacturer	Gotion
Nominal Voltage	12.8V
Nominal Capacity	100Ah
Nominal Energy	1.28 kWh
Life Cycle	3500 Cycle @80% DOD, 25°C, 0.5C 80% EOL
Recommended DOD	80%
Standard Warranty	5 Years

Charge & Discharge Specifications

Operating / Range Voltage	10.6V - 14.6V
Recommended Charge Voltage	14.4V
Recommended DisCharge Voltage	11.5V
Recom. Charge Current	50A
Recom. Discharge Current	50A
Max Charge Current	100A
Peak Pulse Discharge	200A (<2s)

Environment & Mechanical Parameters

Charge Temperature	°0 C to °45 C
Discharge Temperature	°20 C to °60 C
Enclosure IP Rating	IP-20
Net Weight	11.5 Kg
Dimensions (L x W x H)	260 x 188 x 212 mm
Installation Type	Standalone / Drop-in

Features & Connectivity

Parallel Scalability	Up to 4 Units
Hardware Safety	Built-in BMS
Wireless Connectivity	Bluetooth