TECHNICAL DATA SHEET

NOVA 1.2



PRODUCT FEATURES

- Upto **3500** Life Cycle
- **Built in BMS** Battery Management System incorporated
- **Parallel** Supports parallel connection of **4 units**
- **Bluetooth** Built in Bluetooth

General & Supply Chain Parameters	
Internal Model Ref.	LFP-12.8-100
Nominal Voltage	12.8V
Nominal Capacity	100Ah
Nominal Energy	1280Wh
Life Cycle	Upto 3500 Cycle @80% DOD, 25°C
Recommended DOD	80%
Standard Warranty	5 Years

Charge & Discharge Specifications	
Oprating / Range Voltage	14.4V - 14.6V
Recommended Charge Voltage	14.4V
Recommended DisCharge Voltage	11.5V
Recom. Charge Current	≤50A
Recom. Discharge Current	50A
Max Charge Current	100A

Environment & Mechanical Parameters	
Charge Temperature	0°C to 45°C
Discharge Temperature	-20°C to 50°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