TECHNICAL DATA SHEET

NOVA 10





PRODUCT FEATURES

Upto **6000**
Cycle Life@25°C

Parallel
Supports parallel connection of 16 units

Versatile Installation
Wall/Ground Mounted

Smart BMS
Intelligent management &maintenance of battery systems

Great Expandability
Supports parallel connection of 16 units

Wifi Monitoring
Real time monitoring of power usage and battery pack operation

General & Supply Chain Parameters	
Internal Model Ref.	LFP 10240MP
Nominal Voltage	51.2V
Nominal Capacity	205Ah
Nominal Energy	10.5 kWh
Life Cycle	Upto 6000 Cycle @80% DOD, 25°C, 0.5C
Recommended DOD	80%
Standard Warranty	10 Years

Charge & Discharge Specifications	
Oprating / Range Voltage	44.8V ~ 57.6V
Recommended Charge Voltage	57.6V
Recommended DisCharge Voltage	48V
Recom. Charge Current	100A
Recom. Discharge Current	100A
Max Charge Current	200A
Peak Pulse Discharge	200A (<5s)

Environment & Mechanical Parameters	
Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 55°C
Enclosure IP Rating	IP-20
Net Weight	90 kg
Dimensions (L x W x H)	455 x 655 x 230 mm
Installation Type	Ground / Wall Mount

Features & Connectivity	
Parallel Scalability	Up to 16 Units
Hardware Safety	BMS + DC Breaker
Wireless Connectivity	Wi-Fi & Bluetooth
Communication Ports	CAN / RS485
User Interface	Touch Screen LED Interface