Wall Mounted Battery

LFBAT 51100-EU-W



- Built-in Grade A LiFePO4 batterr cell,highly reliable and durable
- 90MM ultra-thin wall mounted design,perrectly fft for your beautiful home
- All datas and settings from batterr is under control and easy to manage the storage system
- Built-in fuse in each batterr cell,making it super safe and reliable
- LCD display can supporr different setting and is easy to use
- Pre-heating function optional

Stable Power Supply

Precise Management

High Utilization

Long Life Cycle

Model	LFBAT 51100-EU-W
Electrical Characteristics	
Nominal Voltage	51.2V
Operating Voltage Range	40~58.4Vdc
Cell Combination	16S/1P
Rated Capacity	100Ah
Total Energy	5.12KWh
Max Number Of Expansions	15
Cycle Life	Capacity Decays To 80Ah,Cycles Number ≥6000 Times @90% DOD, @25±2℃, Standard Charge And Discharge Mode
Self Discharge	≤3.5% Per Month
Balanced Approach	Passive Equalization
Shipping Capacity	SOC 30~70% (TBD)
Charge/Discharge Standards	
Charging Voltage	58.4V
Max Continuous Charging Current	80A
Max Discharge Continuous Current	100A
Discharge Cut-Off Voltage	40V
Discharge Cut-Off Voltage	58.4V
Environment	
Charging Operating Temperature	0~55℃≤90% ROH
Discharge Operating Temperature	-20~60℃≤90% ROH
Storage Temperature	-20~65℃
Mechanical	
Protection Level	IP20
Cell Material	LiFePO4
Housing Material	Metal
Chassis Style	Wall Mount
Product Size (L*W*D mm)	670*540*90 mm
Packing Size (L*W*D mm)	830*650*175 mm
Net Weight	50kg
Gross Weight	54kg
Communications	
Protocol	RS232/RS485/CAN
Certification	UN38.3 / MSDS / EN IEC 61000-6-3:2021 / CE