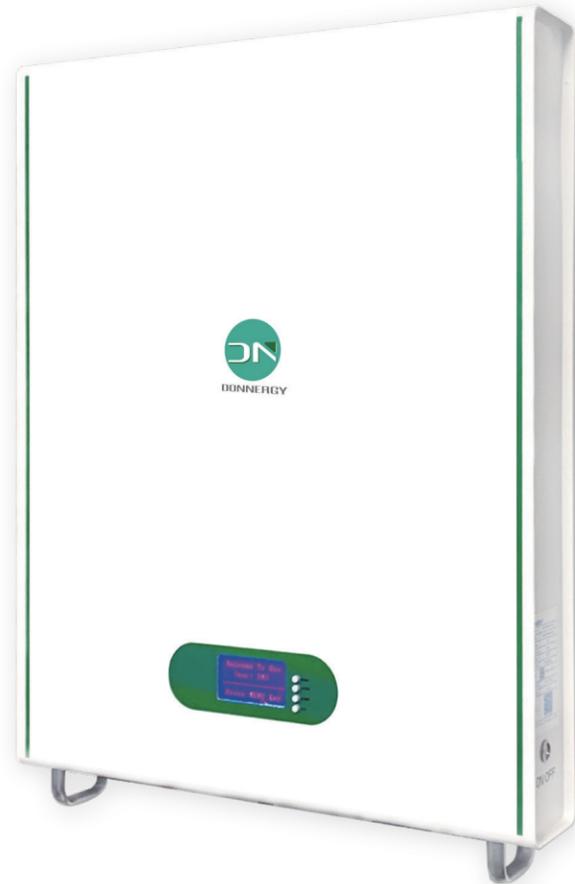


Wall Mounted Battery

LFBAT 51100-EU-W



- Built-in Grade A LiFePO4 battery cell, highly reliable and durable
- 90MM ultra-thin wall mounted design, perfectly fit for your beautiful home
- All data and settings from battery is under control and easy to manage the storage system
- Built-in fuse in each battery cell, making it super safe and reliable
- LCD display can support 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°C, 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°C ≤90% ROH
Discharge Operating Temperature	-20~60°C ≤90% ROH
Storage Temperature	-20~65°C

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