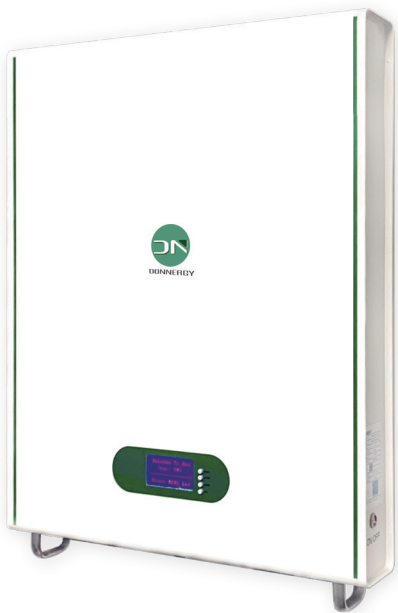








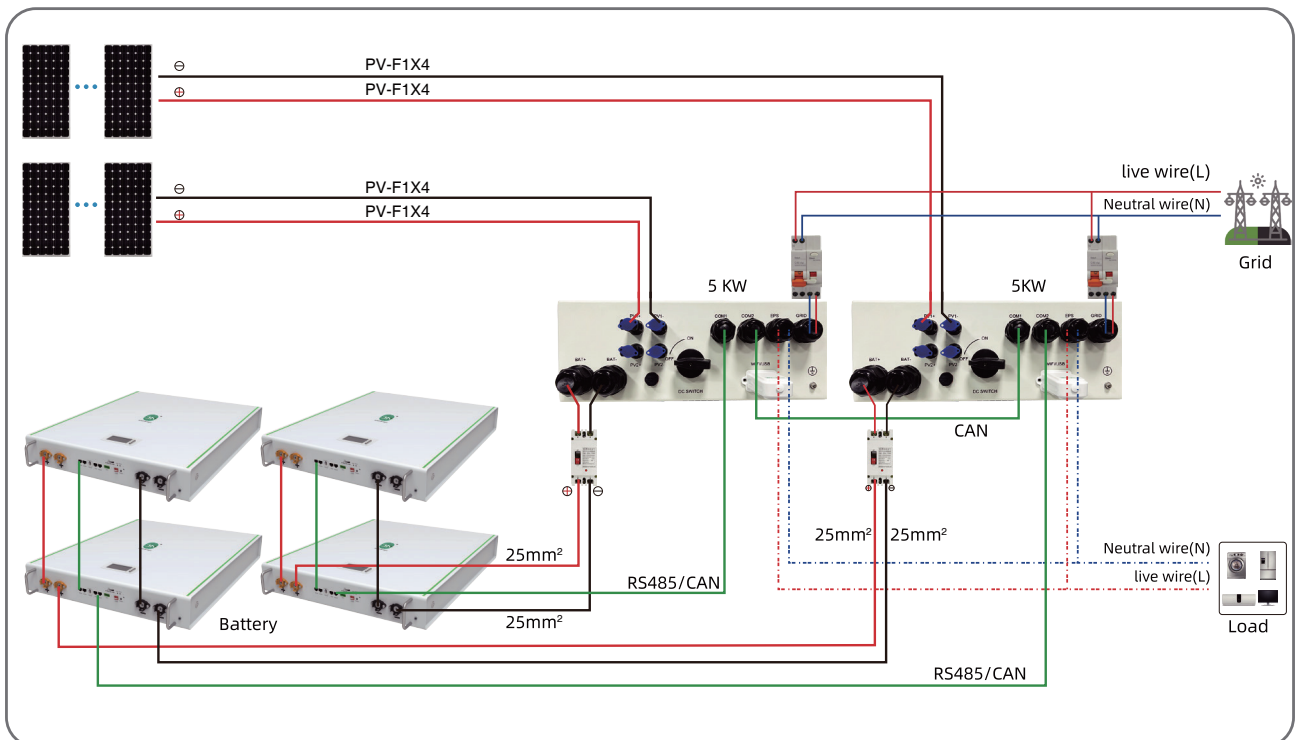
LFBAT 51100-EU-W

Wall Mounted Battery

Specifications



-  Built-in Grade A LiFePO4 battery cell, highly reliable and durable.
-  90MM ultra-thin wall mounted design, perfectly fit for your beautiful home.
-  BMS All datas 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 LCD display can support different setting and is easy to use.
-  Pre-heating function optional



LFBAT 51100-EU-W | Specifications

Model	LFBAT 51100-EU-W	Remarks
Nominal energy	5120Wh	Standard charging and discharging test
Series parallel connection mode	16S1P	
Nominal capacity	100Ah	Standard charging and discharging test
Nominal voltage	51.2V	
Operating voltage range	40 ~ 58.4V	Temperature range: -20 ~ 65 °C
Operating temperature (Charging)	0 ~ 65 °C	
Operating temperature (Discharging)	-20 ~ 65 °C	
Standard charging	Constant current charging: 50A Charging voltage: 58.4V Cut off current: 5A	Maximum unit voltage 3.65V
Maximum continuous charging current	Constant current charging: 100A Charging voltage: 58.4V Cut off current: 5A	Maximum unit voltage 3.65V
Standard discharging	Constant current discharging 50A Cut off voltage: 40V	Minimum unit voltage 2.5V
Maximum continuous discharging current	Constant current discharging: 100A Cut off voltage: 40.0V	Minimum unit voltage 2.5V
Standard power	2560 watt	
Storage temperature	-20~65	Humidity ≤95%ROH, no condensation.
Cycle life	The capacity decays to 80Ah Number of cycles ≥ 6000	80% DOD, @ 25±2 °C, standard charging and discharging mode ±2 °C
Monthly self discharging	≤2.5%/month	After 3 months' shipment, the battery will be charged to 40%SOC and stored at @ 25
Monitoring communication	CAN/RS485/RS232	
Balanced approach	Passive equalization	
Shipping capacity	SOC 30 ~ 70% (TBD)	SOC 30 ~ 70% (TBD)
Weight (kg)	52	
Dimensions (W × H × Dmm)	660 x 830 x 190	
Protection Level	IP20	
Certificate	EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021	