

LITHIUM IRON PHOSPHATE (LiFePO4) BATTERIES

5-10kWh WALL MOUNTED BATTERIES

- Residential or Commercial application Top brand cells such as CATL/BAK, grade A+ quality
- Cells - 6000 cycles, 5 years warranty, 10+ years life design
- High density—small size and weight
- Big charge and discharge current
- Suitable for solar storage system
- LCD display with communication port CAN/RS485/RS232)
- Smart BMS can communicate with different Solar Inverters like: Deye, Growatt, Voltronic, Goodwe, Victron, SMA, etc



SPECIFICATION	51.2V100AH	51.2V100AH	51.2V100AH	51.2V200AH	51.2V200AH	51.2V200AH
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Model	51.2V100AH	51.2V100AH	51.2V100AH	51.2V200AH	51.2V200AH	51.2V200AH
Normal Capacity (25°C, 0.2C)	5120Wh	5120Wh	5120Wh	10240Wh	10240Wh	10240Wh
Voltage Range (Vdc)	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V
Float Charge Voltage (Vdc)	55.2V	55.2V	55.2V	55.2V	55.2V	55.2V
Max. continuous discharge current	100A	100A	100A	100A	100A	100A
Max. pulse discharge current	150A 1Sec.	150A 1Sec.	150A 1Sec.	150A 1Sec.	150A 1Sec.	150A 1Sec.
Max. continuous charge current	50A	50A	50A	100A	100A	100A
Cell Brand	CATL	CATL	BAK	CATL	CATL	BAK
IP degree	IP 20	IP 65	IP65	IP 20	IP 65	IP65
Cycle life (+25C 0.2C 100% dod)	>6000 Cycles					
Terminal	M8					
Storage temperature	0C~ 30C					
Storage duration	6 months at 25C					
Safety standard	UN38.3,MSDS,CE					
Communication function	RS485/CAN (Communication protocol)					
PROTECTION						
Protection	Over-charge protection Over-discharge protection Over-current protection Short-circuit protection Over-temperature protection					
WORKING CONDITIONS						
Working Temperature	-10C~ +50C					
Humidity	0~95% (no condensation)					
Altitude (m)	<1500					
DIMENSION						
L*W*H (product size) mm	786*455*181	849*502*183	705*498*183	1021*605*190	1072*625*192	1021*612*192
L*W*H (package size) mm	851*537*245	901*567*245	734*550*233	1145*715*365	1145*715*365	1094*728*365
Weight (NW Kg)	56kg	58.0kg	50.0kgs	109.0Kg	114.0Kg	101.0Kg
Weight (GW Kg)	61kg	63.0kg	52.0kg	135.0Kg	140.0Kg	127.0Kg

