

# WALL-MOUNTED ENERGY STORAGE BATTERY

With Battery Bar, Automatically Match Inverters, EVE Battery Cell



- IP65 High level protection
- Convenient to PLUG IN/OUT
- 6000 cycles @90% DOD
- Precise Battery Management Technology
- High-density LiFePO4 battery, safer to use
- Possess industry-leading BMS technology
- Compatible with mainstream inverters
- Automatically match mainstream inverters



**Stable Power Supply**



**Precise Management**



**High Utilization**



**Long Life Cycle**

Model	W51100E
<b>Basic Information</b>	
Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	100Ah
Rated Capacity	5.12kWh
Communication Protocol	CAN / RS485 / RS232
Max. Number of Parallel Connections	15
Cycle Life	6000 cycles (@90% DOD)
Protection Mechanism	Temperature Protection/Over-current Protection/Short-circuit Protection Over-charge Protection/Over-discharge Protection/Low-voltage Protection
<b>Charging Parameters</b>	
Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V
<b>Discharging Parameters</b>	
Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	43.2V
Battery Recovery Voltage	48V
<b>General Parameters</b>	
Dimension	600*480*189mm
Gross/Net Weight	55kg/52.6kg
Shell Material	Sheet Metal
Protection Rating	IP65
Installation Method	Wall-mounted + Floor type
Cell Type	LiFePO4
<b>Certification &amp; Safety Standard</b>	
Safety Certification	UL1973/CE/IEC62619
Transportation Safety Certification	UN38.3, MSDS
<b>Temperature Parameters</b>	
Discharging Temperature	-20 - 60°C
Charging Temperature	0 - 55°C
Storage Temperature	-20 - 45°C