

FLOOR TYPE 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	W51300E
Basic Information	
Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	300Ah
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
Charging Parameters	
Recommended Charging Current	100A
Max. Charging Current	200A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V
Discharging Parameters	
Recommended Discharging Current	100A
Max. Discharging Current	200A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	43.2V
Battery Recovery Voltage	48V
General Parameters	
Dimension	800*580*255mm
Gross/Net Weight	150kg/131kg
Shell Material	Sheet Metal
Protection Rating	IP65
Installation Method	Floor type
Cell Type	LiFePO4
Certification & Safety Standard	
Safety Certification	UL1973/CE/IEC62619
Transportation Safety Certification	UN38.3, MSDS
Temperature Parameters	
Discharging Temperature	-20 - 60°C
Charging Temperature	0 - 55°C
Storage Temperature	-20 - 45°C