

# ENERGY STORAGE BATTERY

## 51.2V 100AH 5KWH WALL MOUNT BATTERY



### 51.2V 100AH 5KWH Powerwall LiFePO4 Battery



Button LCD display



Built-in smart BMS



Support RS485 RS232 CAN communication protocol



15 years design service life, cycle up to 8000 times

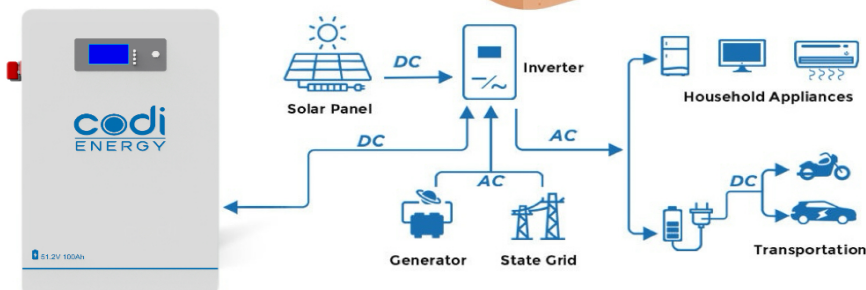
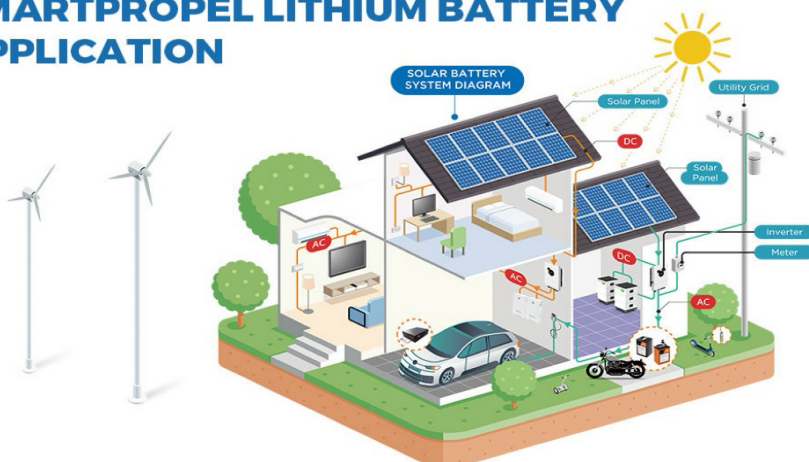


Maximum support 15PCS in parallel connection



Compatible with mainstream inverters

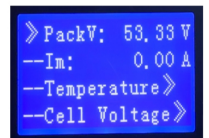
### SMARTPROPEL LITHIUM BATTERY APPLICATION



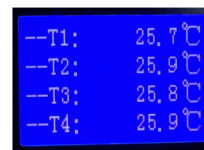
### Intelligent Display



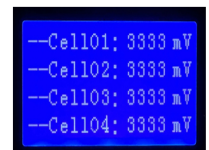
Main Menu



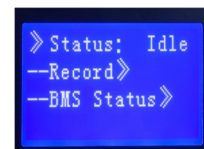
Battery Information



Cell Temperature



Cell Voltage



BMS Status



Cell Capacity

# ENERGY STORAGE BATTERY

Model: 51.2V 100AH 5kWH

## Battery Specifications

Rated Voltage	51.2V
Rated Capacity	100AH
Max Continuous Discharge Current	100A
Peak Discharge Current	110A/3S
Standard Charging Current	20A-50A
Max Charge Current	100A
Parallel Function	Support parallel connection
Cooling Method	Self-Cooling
Battery Type	Lithium Iron Phosphate
Cycle Life	>6000times @25°C, 0.25C charge and discharge
Battery Voltage Range	41.6V-57.6V
Certification	MSDS, UN38.3, CE(Optional)
Battery Size/Weight	598*367*230mm/62KG
Packaging	673*448*408mm/78KG
Storage Humidity Range	≤85%RH
Recommended Storage Temperature	-10°C~45°C
Recommended Operating Temperature	0°C-45°C
Waterproof	IP54
Self Discharge Rate	<0.085mV/H
Storage	Temp:(-20±60)C, Humidity:(65±25)%RH Suggest To Charge Every Three Month
Charge over-temp.Protection	60°C
Discharge over-temp.Protection	70°C
Charge low temp.Protection	-5°C
Protection	Over voltage, under voltage, over current charging, over current discharging, short circuit discharging, over temperature charging and discharging, under temperature charging and discharging.
Equalization Function	Yes
<b>Equipped With Bluetooth</b>	<b>Yes</b>

Active Cell Balancing :

