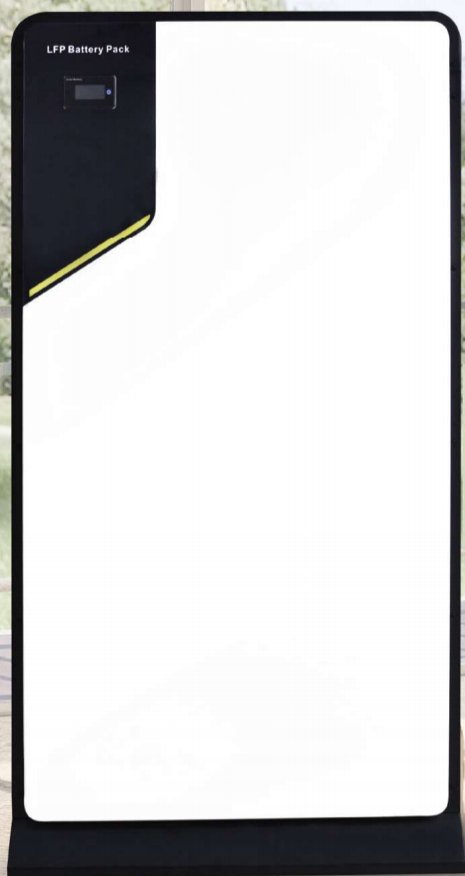


Residential Battery Module

BMS series



MAIN FEATURES

- ▶ Cells cycle times 6000 cycles(+25°C 0.2C 80% DOD).
- ▶ Long lifespan: 10 years + life design.
- ▶ Unique, Elegant and Powerful.
- ▶ Smart BMS system to optimize the performance.
- ▶ Communication: RS485/CAN/SNMP/Wifi/Bluetooth, Compatible with different brand of solar inverter and chargers (optional).
- ▶ 360 degree protection: such as SOC/SOH/ Anti-theft function etc..
- ▶ High discharge rate currents, suitable for on-grid or off-grid solar system and other loads.
- ▶ With front display panel for easy access to status of the batteries.

BMS SERIES ENERGY STORAGE SYSTEM

BMS series Energy Storage System utilizes Lithium iron phosphate battery, developed to meet the requirements of household backup power requirements.

The built-in intelligent BMS can protect the battery pack and extend its service life.

The vertical design is Elegant and easy to install at home.

For More about Unipower range of products, visit:
www.unipowerenergy.com

Technical Parameter

Model	BMS
SPECIFICATION	
Battery Type	LiFePO4
Nominal Battery Voltage	51.2V
Nominal Capacity(25°C, 0.2C)WH	10240Wh
Operating Voltage (Vdc)	44.8 ~ 58.4V
Recommended Charge Current (A)	100A
Max. Charge/ Discharge Current(A)	200A
Peak Discharge Current(A)	200A 10Sec.
Battery pack round trip efficiency	95%
Depth Of Discharge	80%
Cycle Life (+25°C 0.2C 90% DOD)	6000 Cycles
Communication function	RS485/CAN/UART/SNMP/Wifi/Bluetooth
Display	LED* 5 (LCD Display optional)
Scalability	Upto 16
Cooling Method	Natural Convention
Installation Location	Indoor
SAFETY & PROTECTION	
IP degree	IP20
Safety standard	UN38.3,MSDS,CE
Protection	Overcharge protection\Over-discharge protection\Overcurrent protection\Shortcircuit protection\Overtemperature protection
AMBIENT	
Noise Remission(dB)	< 40dB(1 meter)
Operating temperature	-10°C ~ 50°C
Storage temperature	-20°C ~ 55°C
Humidity	0 ~ 95%(no condensation)
Altitude (m)	<3000
PHYSICAL	
Product Dimensions (L*W*H) mm	550*260*1033mm
Package Dimensions (L*W*H)	610*320*1200mm
Weight(NW Kg)	125Kg
Weight(GW Kg)	132Kg