



## LITHIUM-ION BATTERIES

Range 2.5 KWH TO 16 KWH Series  
100Ah to 314Ah

CHARGE  
YOUR  
TOMORROW

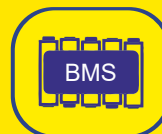
INTERLIGHT<sup>®</sup>



Wide Temp.  
Range Runs Stably at  
-35°C-60°C



High Security 20+  
Safety checkpoints,  
100% aging test



Intelligent BMS  
Automatic Repair  
and Maintenance free



High Compatibility  
Compatible with Mainstream  
Inverters



Parallel Function  
Support max 16pcs  
Parallel



Wireless Communication  
Support Bluetooth,  
Wifi, GPS



Multiple Protection  
Support max  
16pcs parallel



Long Life and  
Easy Maintenance

## LIFEPO4 FEATURES

- Smart Bms With Current Limiting Function, Canbus/rs485 Which Fully Integrates And Communicates With Leading Inverter Brand
- Excellent High Temperature Performance
- Higher Cycle Life & Service Life
- High Energy Density & Conversion Efficiency
- Complete With Integrated Battery Management System
- Real Time Bluetooth Monitor
- Heavy Duty Side Handles For Easy Handling And Mounting On The Wall
- Built In Protection For Over Charge, Over Discharge & Over Temperature
- Bms With Cells Active Balancing Function
- A Grade Cells



## TECHNICAL DATA

### LITHIUM BATTERIES

Product Model	25.6V100Ah	25.6V200Ah	25.6V314Ah	51.2V100Ah	51.2V200Ah	51.2V314Ah
Nominal Energy	2.56kWh	5.12kWh	8.04kWh	5.12kWh	10.24kWh	16kWh
Nominal Voltage	25.6V	25.6V	25.6V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	314Ah	100Ah	200Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP	LFP	LFP
Standard Charge Voltage	28.4V	28.4V	28.4V	56.8V	56.8V	56.8V
Max. Discharge Current	100A	100A	200A	100A	100A	200A
Discharge Cut-off Voltage	22.4V	22.4V	22.4V	44.8V	44.8V	44.8V
Parallel Function	Support 15 Units in Parallels					
Communication Interface	Rs485 USB/RS232, CAN					
Cycle Life	>6000 Cycles (25±2°C, 0.2C/0.2C, 80%DOD)					
Charge Temperature Range	0-55°C					
Certification	MSDS/UN38.3/Dangerous goods maritime certification					
Dimension	450*370*163 (MM)	480*430*230 (MM)	560*430*238 (MM)	580*370*163 (MM)	720*430*230 (MM)	900*430*238 (MM)
Net Weight	23Kg	40Kg	65Kg	45Kg	85Kg	125Kg
Installation Method	Wall Mounted/Floor Standing					
Warranty	10Year Warranty for cells; 5years for BMS ( maintenance and replacement within this product)					
Optional	Bluetooth/WiFi remote monitoring					

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