Rack type energy storage battery

Safe and reliable | Parallel capacity expansion



- Brand new A-grade lithium iron phosphate battery with high safety
- All-in-one BMS, real-time monitoring and management

☼ System services

- RS485/CAN communication, easy to expan
- Large capacity, high charging and discharging efficienc more than 6000 cycles

Modular design, expand and increase battery capacity

Compatible with most inverters in the market, intelligent matching flexibility

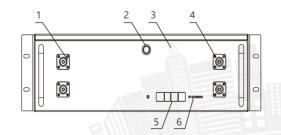
H Full functioning

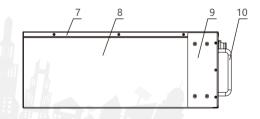
- Multi-function design, ON/OFF switch control output
- Alarm function to reduce potential safety hazards during battery use



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Product Description	Product parameters								
Product model	M15S100BL-U	M16S100BL-U	M16S200BL-U	M16S280BL-U					
Cells in series	15S	16S	16S	16S					
Rated energy(KWh)	4.8	5.0	10.24	14.3					
Rated voltage (V)	48	51.2	51.2	51.2					
Charging Voltage (V)	54.7	58.2	58.2	58.2					
Discharge cut-off voltage (V)	40	42	42	42					
Standard Charge Current (A)	20	20	20	56					
Maximum Charging Current (A)	100	100	100	100					
Maximum Discharge Current (A)	100	100	100	100					
Cycle life	≥ 6000 times @ 80% DOD, 25 °C								
Methods of Communication	RS485/CAN								
Charging temperature	0~60°C	0~60°C	0~60°C	0~60°C					
Discharge temperature	-10~65°C	-10~65°C	-10~65°C	-10~65°C					
Product Dimensions (L×W×Hmm)	515×493×175	515×493×175	630×490×255	768×450×275					
Net Weight (Kg)	42	45	88	105					
Packing Dimensions (L×W×Hmm)	550×523×230	550×523×230	710×570×455	865×550×345					
Gross Weight (Kg)	45	48	103	130					

FEATURE DESCRIPTION





1	Positive terminal	2	Switch	3	Panel	4	Negative terminal	5	RS485/CAN
6	Battery indication	7	Upper cover plate	8	Box	9	Cabinet fixtures	10	Cabinet handles

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