

Rack type energy storage battery

● Safe and reliable | Parallel capacity expansion ●



Safe and reliable

- 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 expand
- Large capacity, high charging and discharging efficiency, more than 6000 cycles

Technical features

- Modular design, expand and increase battery capacity at any time
- Compatible with most inverters in the market, intelligent matching flexibility

Full functioning

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

PRODUCT PARAMETERS

NEW ERA | TECHNOLOGY | NEW DEVELOPMENTS

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℃	0~60℃	0~60℃	0~60℃
Discharge temperature	-10~65℃	-10~65℃	-10~65℃	-10~65℃
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