

Wall-Mounted

51.2V | M16S100-200BL-V



Intelligent Communication

RS485 and CAN interfaces optional, connected with inverters&energy management systems. Moreover, supports remote monitoring and real-time data upload.



Save Home Energy Bill

Applied in off/on grids application, store and sell excessive power. Intelligent dispatch, charge during valley hours and discharge during peak hours, easily saving over 30% of electricity costs.



Stable Output

Charge and discharge efficiency of $\geq 95\%$, ensuring stable and uninterrupted power supply to the load. Suitable for sensitive equipment and high-frequency switching conditions.



Optimized Energy Utilization

Integrated with PV systems, enhancing household energy autonomy. Minimizes grid reliance and enables intelligent energy allocation.

Product Model	M16S100BL-V	M16S200BL-V	Units
Product Description			
Cells In Series	16S	16S	
Rated Energy	5.12	10.24	KWh
Rated Voltage	51.2	51.2	V
Charging Voltage	58.4	58.4	V
Discharge Cut-off Voltage	42	42	V
Standard Charge Current	20	40	A
Maximum Charging Current	100	100	A
Maximum Discharge Current	100	100	A
Features			
Cycle Life	≥ 4000 times @ 80% DOD, 25 °C		≥ 4000 times @ 80% DOD, 25 °C
Methods Of Communication	RS232/RS485/CAN	RS232/RS485/CAN	
Charging Temperature	0~60℃	0~60℃	
Discharge Temperature	-10~65℃	-10~65℃	
How It Is Displayed	LCD display	LCD display	
IP Protection	IP21	IP21	
Conventional			
Product Dimensions (L×W×H)	440×186×560	450×206×670	mm
Net Weight	44	87	Kg
Packing Dimensions (L×W×H)	632×512×255	755×525×390	mm
Gross Weight	50	104	Kg

* Test conditions: 25 °C, 100 % depth of discharge (DOD), 0.2C charge & discharge.

