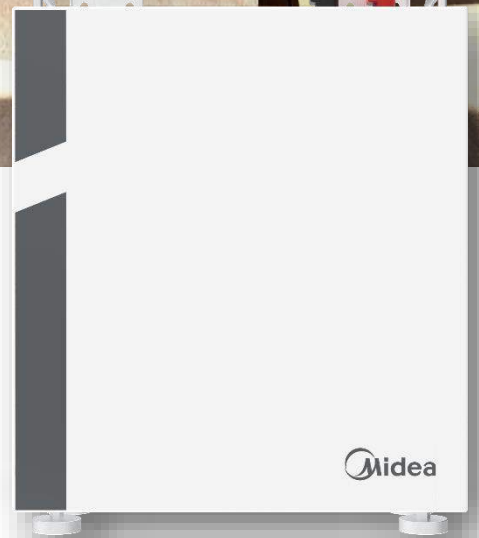




Smart Low Voltage Energy Storage

(Compatible with Single Phase Hybrid Inverter)

Safe & Reliable by CATL Lithium Iron Phosphate (LFP) Cell



Reliable & Friendly Installation

- CATL Grad-A battery inside
- Wall/floor mount with mating connector to make installation easier
- Compact size, 53kg light weight



Patented Charging & Discharging Technology

- Auto cell balance technology ensures long lifetime
- Smooth battery charge/discharge current



Flexible Expansion

- Support 4 sets in parallel
- Scale up to 20kWh on DC side; 60kWh on AC side

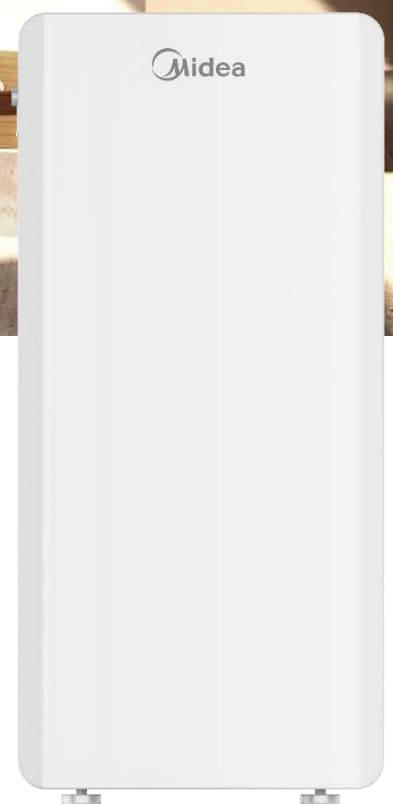
Model	ME-B5L-S
Battery Parameters	
Nominal Voltage	51.2V
Nominal Energy	5.12kWh
Discharge Voltage	45~54V
Charge Voltage	51.5~54V
Con. Charging Current	60A
Con. Discharge Current	60A
Max. Discharge Current	100A
Con. Discharge DC Power	3000W
Max. Discharge DC Power	5000W
Operating Temperature	Charge: 0~45 °C Discharge: -20~55 °C
General Data	
Scalability	Support 4 pcs parallel
DoD	90%
Communication	CAN/RS485
Cycle Life	≥ 6000cycles
IP Grade	IP31
Installation	Wall mount / Floor-standing
Dimension [W*H*D]	450*500*200 (mm)
Weight	53Kg
Warranty	5 years product warranty, 10 years performance warranty
Certification	UN38.3/CE/IEC62619
* When the temperature < 0°C or > 45°C, the product performance is limited.	



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More Usage Scenarios

- Flexible expansion to meet light commercial ESS system
- Support 4 sets in parallel
- Scale up to 48kWh/60kWh on DC side; 144kWh/180kWh on AC side



Reliable and Patented Charging & Discharging Technology

- CATL Grad-A battery inside
- Auto cell balance technology ensures long lifetime



Friendly Installation

- Wall/floor mount with mating connector to make installation easier
- More compact size, only 120kg light weight for 15kWh



Midea Residential Energy Storage System

Model	ME-B12L-S	ME-B15L-S
Battery Parameters		
Nominal Voltage	51.2V	
Nominal Energy	12.28kWh	15.46kWh
Discharge Voltage	45~54V	
Charge Voltage	51.5~54V	
Con. Charging Current	200A	
Con. Discharge Current	200A	
Max. Discharge Current	230A	
Con. Discharge DC Power	10,000W	
Max. Discharge DC Power	30,000W / More than 4 units in parallel	
Operating Temperature	Charge: 0~45 °C Discharge: -20~45 °C	
General Data		
Scalability	Support 4 pcs parallel	
DoD	90%	
Communication	CAN/RS485	
Cycle Life	≥6000cycles	
IP Grade	IP31	
Installation	Wall mount / Floor-standing	
Dimension [W*H*D]	460*900*200(mm)	460*980*230(mm)
Weight	112Kg	120Kg
Warranty	5 years product warranty, 10 years performance warranty	
Certification	UN38.3/CE/IEC62619	
* When the temperature < 0 °C or > 45 °C, the product performance is limited.		