

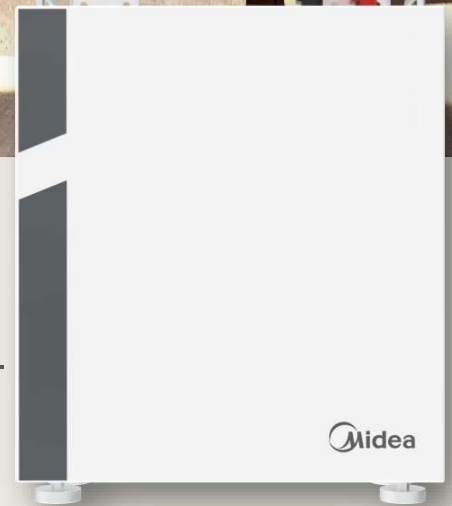


Smart Low Voltage Energy Storage

(Compatible with Single Phase Hybrid Inverter)

Safe & Reliable CATL Lithium Iron Phosphate (LFP) Cell

ME-B5L-S - 5.12 kWh



Reliable & Friendly Installation

- CATL Grade-A battery cells 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 longer lifetime
- Smooth battery charge/discharge current



Flexible Expansion

- Supports multiple expansion options - refer to user manual
- Max Scale up to 5kWh x 15 battery units in Parallel (max 75kWh on DC)
- Max Scale up to 3 x 5kWh Inverters in Parallel (max 75kWh batteries x 3 = 225kWh Max on AC)

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* Appearance and parameters are subject to adjustment without prior notice

Model	ME-B5L-S
Battery Parameters	
Nominal Voltage	51.2V
Nominal Energy	5.12 kWh
Discharge Voltage	45~54V
Charge Voltage	51.5~57.6V
Con. Charging Current	60A
Con. Discharge Current	60A
Max. Discharge Current	99A
Con. Discharge DC Power	3000W
Max. Discharge DC Power	5000W
Operating Temperature	Charge:0~50°C Discharge:-20~50°C
General Data	
Scalability	Paralleling Max 15, refer to user manual
DoD	90%
Communication	CAN/RS485
Cycle Life	≥ 6000cycles
IP Grade	IP31
Installation	Wall mount/ Floor-standing
Dimension [W*D*H]	450*205*535(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.	