



Smart Low Voltage Energy Storage

(Compatible with Single Phase Hybrid Inverter)

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

ME-B12L-S – 12.28 kWh

ME-B15L-S - 15.46 kWh



More Usage Scenarios

- Flexible expansion to meet light commercial ESS system
- Supports multiple expansions options - refer to user manual
- Max Scale up 12kWh / 15kWh x 12 battery units in Parallel (max 144kWh / 180kWh on DC)
- Max Scale up to 3 x Inverters in Parallel (max 144kWh/180kWh batteries x 3 = 432kWh /540kWh Max on AC)



Reliable and Patented Charging & Discharging Technology

- CATL Grade-A battery cells inside
- Auto cell balance technology ensures longer lifetime



Easy Installation

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

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* Appearance and parameters are subject to adjustment without prior notice

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	51.5~57.6V			
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:0~55℃ Discharge:-20~60℃			
General Data				
Scalability	Paralleling Max 12, refer to user manual			
DoD	90%			
Communication	CAN/RS485			
Cycle Life	≥6000cycles			
IP Grade	IP31			
Installation	Wall mount / Floor-standing			
Dimension [W*D*H]	460*200*980(mm)		460*230*980(mm)	
Weight	113 Kg		120Kg	
Warranty	5 years product warranty, 10 years performance warranty			
Certification	UN38.3/CE/IEC62619			
* When the temperature < 0℃ or > 45℃, the product performance is limited.				