

Wall Mounted Lithium Battery

Smart Energy Storage

MHY-24-300W



- LiFePO4 Battery achieves safety performance and long cycle life
- New Cell (EVE Grade A)
- Built-in Intelligent BMS & DC Breaker 2P to protect the battery module and maintain the battery always work at the best condition
- More than 6000 cycles
- LCD color touch screen & WIFI
- Silent Natural Cooling
- Easy installation and simply connection to inverter
- compatible with multiple brands of inverters

Model	MHY-24-300W
Main Parameter	
Battery Chemistry	LiFePO4
Nominal Voltage (VDC)	25.6 V
Nominal Capacity (Ah)	300 A
Nominal Energy (KWh)	7.68 KWh
Cycle Life	≥6000 cycles @80%DOD @25°C
Cell numbers	8S
Battery Management System (BMS)	<ul style="list-style-type: none"> • Smart 200A BMS • automatic protection for over-charge, over discharge, over current and over temperature • Support cell balancing • LCD Color Touch Display for watching each cell parameters & battery cycles
Efficiency	Charge: 100% @ 0.2v Discharge: 96~99% @ 1C
Working Voltage Range	22.4~29.2 V
Max. Charge Current	200A
Max. Discharge Current	200A
Standard Charge Current (Recommended)	70A
Standard Discharge Current (Recommended)	70A
Max. Charge /Bulk/ (VDC)	29.2 V ±0.1V
Float Charging (VDC)	27.6 V
Cut-off Voltage (VDC)	22.4 V
Max C rating	1C
Nominal Operation Altitude	0-4000m
Max Depth of Discharge	100%
Recommend Depth of Discharge	80%
Protection	BMS, Breaker 200A
Max Qty in Parallel	15 Unit
Working Temperature (°C)	-0°C to 55°C @25~60%Humidity for charge -20°C to 55°C @25~60%Humidity for discharge
Storage Temperature (°C)	0°C to 45°C @25~60% Humidity
Self-Discharge (Month)	≤2%
IP Protection	IP43
Communication	RS485/RS232/CAN/Wi-Fi monitoring
Installation Method	Wall Mount
Net Weight	68 KG
Gross Weight	95.4 KG
Terminals	M8
Product Dimensions (W/D/H) mm	600*478*234.8
Packaging Dimensions (W/D/H) mm	715*710*350
Packaging Material	Carton/Wooden box
Shelf Life (Expected)	15 Years
Warranty	8 Years
Certification & Standards	CEC/UN38.3/MSDS/IEC62619/VDE2510-50/CE/EMC