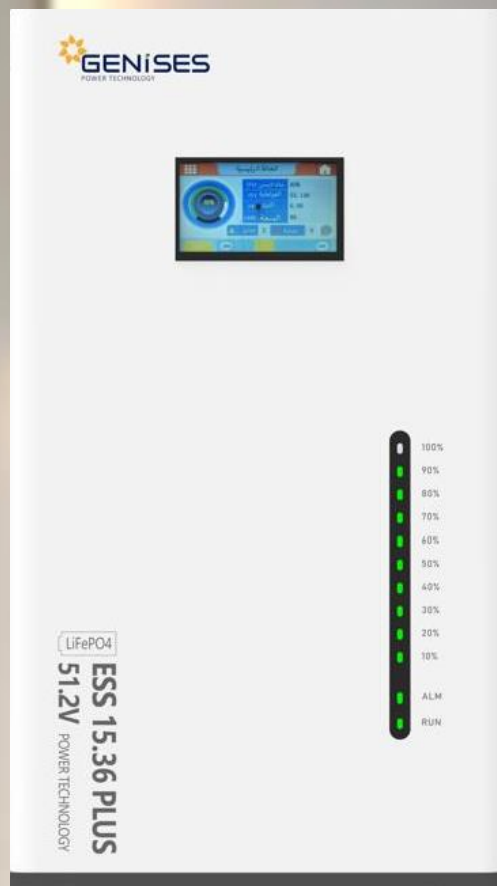


Floor Mounted Lithium Battery

Smart Energy Storage

MHY-48-300F



- 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 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

Model	MHY-48-300F
Main Parameter	
Battery Chemistry	LiFePO4
Nominal Voltage (VDC)	51.2 V
Nominal Capacity (Ah)	300 A
Nominal Energy (KWh)	15.36 KWh
Cycle Life	≥6000 cycles @80%DOD @25°C
Cell numbers	16S
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	44.8~58.4 V
Max. Charge Current	200A
Max. Discharge Current	200A
Standard Charge Current (Recommended)	70A
Standard Discharge Current (Recommended)	70A
Max. Charge /Bulk/ (VDC)	58.4 V ±0.1V
Float Charging (VDC)	55.2 V
Cut-off Voltage (VDC)	44.8 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	Floor Mounted
Net Weight	136.5 KG
Gross Weight	163.7 KG
Terminals	M8
Product Dimensions (W/D/H) mm	880*500*259
Packaging Dimensions (W/D/H) mm	1075*645*525
Packaging Material	Carton/Wooden box
Shelf Life (Expected)	15 Years
Warranty	8 Years
Certification & Standards	CEC/UN38.3/MSDS/IEC62619/VDE2510-50/CE/EMC