LFP-M 10.75kWh

LiFePO4 Battery Pack

NEW

• Features

- 32PCS 105AH LiFePO4 cells

- 51.2Vdc 10.75KWH rated capacity.

- Long cycle life 4000 times.

- IP56 Protection.

- Unique automatic calibration active banlancing technology BMS syestem.

- 51.2Vdc voltage output suitable for home energy storage system, communication stations and other applications.

- Standard CAN &RS485 communication port, can meet the require ment of several packages to connect in parallel, Master & Slave relationship, Monitor and other functions.Compatible with other brand inverters' communication protocols.

• Technical Parameter

LFP-M 10.75kWh LiFePO4 Battery Pack

Specification		Mechanical Characteristics	
Model	LFPM 48210H	Dimension H*W*D	890*490*175mm
Rated Voltage	51.2V	Shipping H*W*D	1000*670*400mm
Rated Capacity	210Ah	Weight (N.W.)	100KG
Rated Energy	10.75KWH	Weight(G.W.)	110KG

Specification		Storage and Transportation Requirements		
Cell Configuration	16S2P	Storage Temperature	Less than 1month	-20~35°C
Battery Cell	3.2V105AH 32PCS(EVE LF105)		Less than 6month	-10-30°C
Life cycles (80%SOH,25℃)	4000 Cycles	Storage Humidity		45~75%RH

Standard Charge		SOC	Storage	60~75% SOC
Operation temperature range ©charging	0~60°C		Transport	45~55% SOC
Rated charge voltage	56V			
Max. charge voltage	56.8±0.4V			
Overcharge protection	58.4±0.4V			
Allowed MAX charge current	205A			
Peak charge current	210A			
Rated charge current	200A			
Recommend charge current	<200A			

Standard Discharge	
Operation temperature range ©discharging	-35~60°C
Output Voltage Range	43.2~56.8Vdc
Recommend Working Range	46.4~56Vdc
Discharge Cut-off voltage	43.2V
Allowed MAX discharge current	205A
Peak discharge current	210A
Rated discharge current	200A
Recommend discharge current	<200A

Communication	
Display	2.8 inch color LCD
RS485/CAN	Matching with leading inverter brands (Victron/SMA /SolArk/Solis/Deye /Growatt/ Goodwe/Voltronic/Luxpower etc.)
Expansion	Up to 16units in parallel (RS485 parallel communication)
RS232	PC monitor
Dip SW	ADD setting
EnclosureEnclosure	IP56

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