

LiFePO4 BATTERY SYSTEM

LPBF48300-48350



FEATURES

-  Super long warranty: 5 years warranty.
-  High quality lithium iron phosphate battery.
-  Big capacity with small volume for household.
-  ≥6000 times deep cycle charge and discharge.
-  High class of safety with built-in BMS protection.
-  Support 6 pcs connected in parallel mode for expansion.

PRODUCT PARAMETERS

Model	LPBF48300	LPBF48350
Usable Capacity	15Kwh	17.5Kwh
Battery Type	LiFePO4	
Nominal Voltage	51.2V	
Operating Voltage	48-57.6V	
Recommend Charge/Discharge Current[1]	≤ 120A	≤ 200A
Recommend Charge/Discharge Power[1]	≤ 6000W	≤ 10000W
Maximum Charge/Discharge Current(15s)	200A	250A
Maximum Charge/Discharge Power(15s)	10000W	12500W
Depth of Discharge(DOD)	≥ 95%	
Scalability	Up to 6 units in parallel	
Communication	CAN&RS485	
Ingress Protection	IP21	
Cycle Life[2]	≥ 6000 Cycles@25°C, 80% DOD	
Charging Temperature Range	0~55°C	
Discharging Temperature Range	-20~60°C	
Display	LED	
Installation	Floor-Mounted	
Protection	Built-in smart BMS, Breaker, Fuse	
Warranty	5 Years	
Net Weight(KG)	154KG	162KG
Gross Weight(KG)	177KG	185KG
Product Dimension(MM)	615*350*955MM	622*350*955MM
Package Dimension(MM)	718*450*1112MM	718*450*1112MM
[1] Recommend charge/discharge current/power is affected by temperature and SOC.		
[2] Test conditions: 0.2C Charging/Discharging @25°C,80% DOD		

Convenient CAN&RS485 Communication

