

LIFEPO4 LITHIUM BATTERY LC100



FEATURES

- Reliable lithium iron phosphate cell (Grade A New Cells)
- Long battery life , cycle time >6000
- PACE brand BMS with Full Protection
- Battery capacity calculation and cycle count calculation function
- Low power consumption and multiple sleep and wake-up function
- Smart charging function
- Built-in automatic fire extinguishing device
- Can communicate with inverter from different brand
- Support parallel connection maxium 15 PCS



Grade A
New Cell



Cycle
Life >6000



Smart
System



Full
Protection



Full
Capacity

Model	LC100
Battery Cell Capacity	100AH
Usable Capacity	5120 WH
Rated Voltage	51.2V
Voltage Range	43.2V-58.4V
Max Output Power	5120W
Max Discharge Current	100A
Recommend Charge Current	50A
Max Charging Voltage	58.4V±0.2V
Recommend Charge Voltage	57.6V±0.2V
Display Screen	LCD Display
DOD	> 95%
Life Cycles	>6000
LCD Display	Battery capacity/output voltage/ output current etc.
PROTECTION FUNCTION	
Overcurrent Long Time Protection	> 105A Alarm, > 110A/1S Protected
Discharge Overcurrent Instantaneous Protection	≥150A/100ms
Overvoltage Protection	59.2V
Overvoltage Protection Release	Discharge current > 1A release
Over Discharge Voltage Protection	43.2V
Over Discharge Protection Release	Connect to charger to activate
Charging Overcurrent Protection Release	Discharge current > 1A release
Over Discharge Current Protection Release	Charging current > 1A release
Short Circuit Protection	Yes, automatically release when start charging
Reverse Connection Protection	YES
MOSFET Over Temperature Protection	YES
Battery Cell Temperature protection	Low temperatures (-20 °C) and high temperatures (70 °C)
Cell Failure Protection	Cell voltage difference>1V
BMS COMMUNICATION	
Communication Port	CAN/RS485/RS232
Protocol	PYLON, VOLTRONIC,SE,SRD,GOODWE, GROWATT etc.
WARRANTY	
Warranty	5 Years (terms and conditions apply)
PHYSICAL & ENVIRONMENTAL PARAMETERS	
Operating Temperature Range	Discharge:-10°C ~ +50°C, Charge:+0°C ~ +60°C
Storage Temperature Range	> 1 month, 0~35°C; ≤1 month, -20~45°C
Terminal Type	M8
Net Weight	52 KG
Dimension,DxWxH(mm)	175*367*629mm