



# Hystorix

## HYSTORIX POWER HUB 51.2v | 100Ah Lithium-Ion Battery



The Hystorix Lithium-ion Battery is a high-performance energy storage solution designed for solar systems, UPS, and backup power applications. Built with advanced  $\text{LiFePO}_4$  (Lithium Iron Phosphate) technology, it delivers long cycle life, high safety, and stable performance for residential and commercial use.



 LCD Display  REPT Tier-1 Cells  Smart PACE BMS  1C Charge & 1C Discharge

 Advance Safety Features  Communication Wifi / Bluetooth / CAN / RS485

 Easy to Install & Communicate with Inverter  Parallel upto 16 Batteries

 Long Cycle life upto 6000 cycles

<b>Model</b>	<b>Power Hub 5.12KWH</b>
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### Functionality Details

Nominal capacity	5.12kWh
Display	LCD
Specifications of the cell	REPT Tier-1 Cells
BMS	PACE
Core Assembly Pack	1P8S*2
Battery voltage range	44.8V~58.4V
Nominal voltage	51. 2V
Pack series and parallel number	1P16S
System Configuration	1 Upto 16 Parallel

### Communication

Wireless Communication	Wifi + Bluetooth
Communication protocol	MODBUS/RTU
Communication interface	CAN/RM485/parallel dual RS485

### General Specification

Type of cell	LFP
Battery voltage range	44.8V~58.4V
Nominal voltage	51. 2V
Size of battery cabinet(L*W*H)	685*420*170mm±2mm
Weight of battery cabinet	45.2± 1 KG
Protection level	IP40
Rated current	100A
Charge-discharge mod	1P/ 1P
Current Recommended	50A
Protection	BMS/ Circuit Breakers
Number o f cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000,IEC62620
Operating temperature range	-10°C ~ 55°C
Operating humidity range	≤95% (No condensation)
Altitude	<2000m ( 2000m~4000m Run down the amount)
Color	RAL9001
Stop immediately	Available