

LiFePO4 BATTERY

# 51.2V 100Ah



High inverter compatibility



Natural cooling system



>15 Years life span



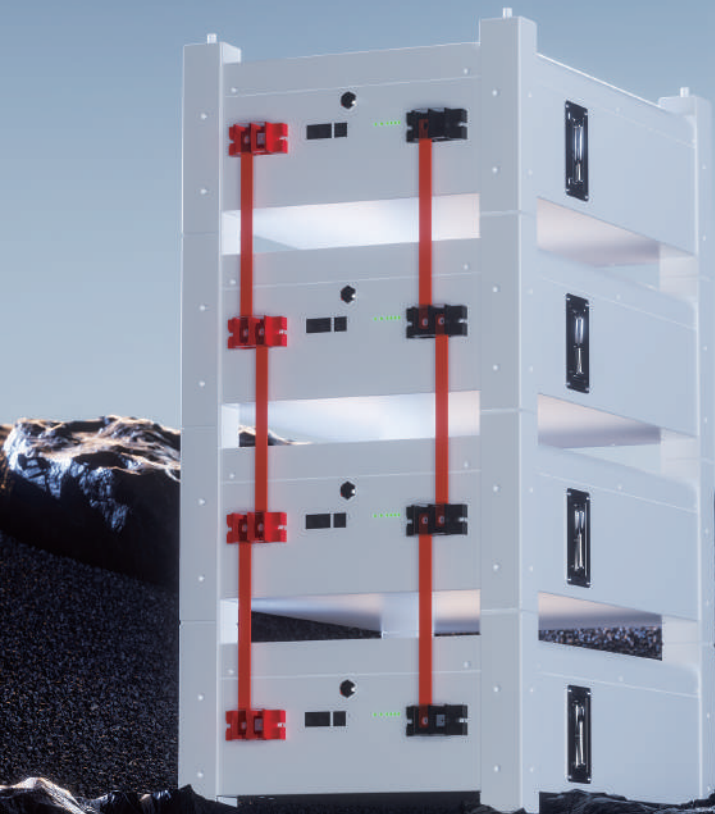
Reliable LFP cells



Scalable up to 240KWh  
16(Parallel)



Cells cycle times  
6000 cycles



## Hardware parameters

Basic information about the equipment to help you understand whether the ruler can be installed with the appropriate size

**Deye**

**solis**

**GOODWE**

**GROWATT**

**SOLAX  
POWER**

**SO FAR**

**SOLINTEG**

**EACH ENERGY  
CARBON NEUTRAL TOGETHER**

**LU X POWER<sup>TEK</sup>**

**MEGAREVO**

## Electrical Characteristics

Model	Hi-5L
Battery cell category	LiFePO4 Prismatic Cell
Battery cell brand	3.2V100Ah
Nominal Voltage	51.2V
Nominal Capacity	5.12kWh
Usable Capacity	4.6kWh
Charge/Discharge Current	50A(0.5C)
Max.Charge/Discharge Current	100A(1C)@60s
Max. charge voltage	58.4V
Min. Discharge Voltage	40V
Max. recommended DOD	90%
Cooling Type	Natural cooling
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~45°C
Humidity	5~95% (No condensed water)
Cycle Life	6000 cycles@25°C operating temperature, 80%DOD
Communication	CAN / RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage
Max. Number of Connection	16pcs
Installation	Floor installation or Wall-mounted
Case Material	Metal+Plastic
Protection Class	IP20
Weight	58kg
Dimension(W*D*H)	490*196*650mm
Warranty	5/10 years
Packaging information	196pcs in a 20GP container; 392pcs in a 40GP container
Certifications	CE, UN38.3, MSDS
Compatible inverter brand	SMA, SUNGROW, SUNSYNK, Sol-Ark, Solis, SolaX, Sofar, Deye, GOODWE, Growatt, Victron, Voltronic, Aiswei, Lux, Afore, Srne, Megarevo, Invt, RENAC, TBB, etc