LiFePO4

LITHIUM BATTERY

24V100AH
48V100AH

Li-BOX | LITHIUM POWER BANK

KEY SALIENT FEATURES

- Introducing 1st time in Pakistan, wall mounted lithium battery along with large LCD display
- 24V, 48V LiFePO4 pack, superior safety and reliability
- Top brand cell such as CATL, BYD or GOTION
- More than 6000 times charge/discharge cycle life
- Long lifespan: 6 years warranty, 12+ years life design
- With intelligent BMS system to optimize the performance
- Built-in intelligent BMS management system
- Built-in 1,2A cell equalizer, can balance all cells in short time
- Charge & discharge current is up to Maximum 100A and the cold start impulse current is 1000A
- Excellent standby self-consumption as low as 4mA
- High density, small size and weight
- Wall mounted design, easy installation
- All around protection and unattended operation
- Optional for LCD display or communication (CAN/RS485/RS232)
- Application for off-grid/hybrid/solar system/UPS/Inverter/Storage power system
- Excellent standby self-consumption as low as 4MA. Automatically output cut off after 30 days no-charge & discharge to ensure security (also can cut off output by manual operation)
- Load capacity 25.6V 100AH (2560WH). 51.2V 100AH (5120WH) Battery bank
- Over Charge Protection, Over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection
- Commercially approved fire certificate UN38.3 & other safety standard IEC62619, MSDS & CE
- Compactible with Ziewnic, Inverex, Voltronic Power, Crown, Sako, Next Power, Solis, Growatt, Sofar, Solax, Deye, Srne, Pylon Tech, ChuangHuiYuan, Sumry, SoroTec, Megarevo, Goodwe, Must, Xindun (**Supported all kinds of inverters atleast 90%**)

ZIEWNIC® Solar Energy

LiFePO4

PRODUCT DATA SHEET

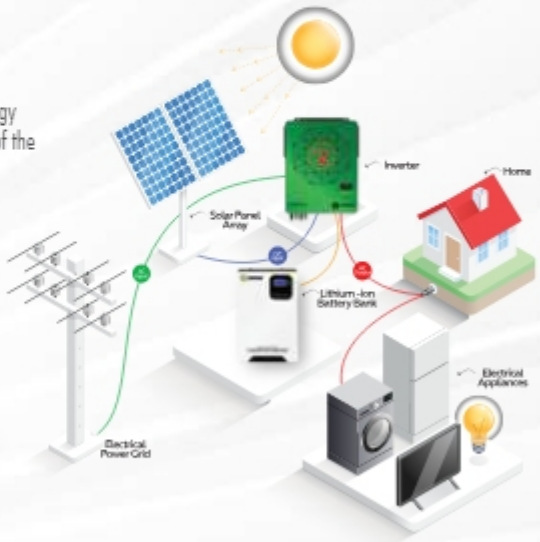
MODELS	Li-BOX 24V100AH	Li-BOX 48V100AH
Battery Type	LiFePO4	
Normal Battery Voltage (VDC)	25.6V	51.2V
Normal Capacity (25C, 0.2C) (WH)	2560WH	5120WH
Voltage Window (VDC)	22.4~28.8V	44.8~58.4V
Solar Charge Voltage (VDC)	27.6V	56.2V
Max. Continue Discharge Current (A)	100	100
Max. Pulse Discharge Current (A)	100A 30Sec.	100A 30 Sec.
Max. Continue Charge Current (A)	100	100
Case Design	Powerwall Design	
Cycle Life (+25C 0.2 80%DOD)	>6000 Cycles with 6 Years Warranty	
Cell Equalizer Current (A)	1~5A Mox	
Terminal	M8	
Storage Temperature	0°C~30°C	
Storage Duration	3 months at 25°C	
Safety Standard	UN38.3, IEC62619, MSDS,CE	
IP Degree	1P21	
PROTECTION		
Protection	Over Charge Protection, over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection	
AMNIENT		
Noise (dB)	<40dB (1 Meter)	
Working Temperature	-20°C~+55°C	
Humidity	0~95% (no condensation)	
Sea Level (m)	-1500	
DIMENSION		
LxWxH mm	L370*W380*H170	L625*W390*H210
Weight (NW Kg)	27.0Kg	43.0Kg
Weight (GW Kg)	28.0Kg	44.0Kg

Note: Product specifications are subject to change without further notice

Why need battery storage system?

High-efficiency for your power distribution cut & save your electricity bills

Electricity power occupies more than half of increasing energy consumption in this decade DER (ditributed energy resources) is crucial today during the COVID-19 pandemic while the conventional grid is less reliable because of the less manpower available.



Realize your grid Independence

Keep your grid available during terrible whether or extreme situations.