

# 51.2V100AH

## Z-BOX | LITHIUM POWER BANK

# 8000 LIFE CYCLE



MADE IN VIETNAM

## NEW WALL STAND LITHIUM BATTERY PACK RGB & 8000 CYCLES BYD CELLS

RGB STATUS INDICATOR

## KEY SALIENT FEATURES

- ✓ INTRODUCING 1ST TIME IN PAKISTAN, WALL MOUNTED LITHIUM BATTERY ALONG WITH LARGE RGB STATUS INDICATOR
- ✓ 51.2V LIFEPO4 PACK, SUPERIOR SAFETY AND RELIABILITY, 1C/1C CONTINUAL CHARGE AND DISCHARGE
- ✓ AMERICAN CHIP BASED PACE ACTIVE BMS BASED
- ✓ TOP BRAND CELL SUCH AS BYD, LONG PRISMATIC CELLS
- ✓ MORE THAN 8000 TIMES CHARGE/DISCHARGE CYCLE LIFE
- ✓ LONG LIFESPAN: 10 YEARS WARRANTY, 20+ YEARS LIFE DESIGN
- ✓ WITH INTELLIGENT BMS SYSTEM TO OPTIMIZE THE PERFORMANCE
- ✓ BUILT-IN **BLUETOOTH** AND **Wi-Fi** COMMUNICATION
- ✓ 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
- ✓ 100A BMS, SUITABLE FOR INVERTER OR SOLAR SYSTEM
- ✓ WALL MOUNTED DESIGN, EASY INSTALLATION
- ✓ ALL AROUND PROTECTION AND UNATTENDED OPERATION
- ✓ 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)
- ✓ MAXIMUM **16 BATTERIES** MODULES PARALLEL
- ✓ LOAD CAPACITY 51.2V 100AH (5120WH)
- ✓ 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
- ✓ COMPATIBLE 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%**)



## IP54 PROTECTION AGAINST INGRESS OF DUST AND WATER

European Standard Design & Engineering



## Wi-Fi Remote Monitoring

Ziewnic App Available in iOS & Android

Wi-Fi module, cloud platform service, control at any time through mobile phone, virtual-meter, remote operation (the cloud platform has many functions)

MODEL	Z-BOX EUROPEAN 100AH-51.2V
Case design	Floor Standing / Wall Mount
Battery Type	LiFePO4
Normal Battery Voltage(Vdc)	51.2V
Normal Capacity (25 C 0.2C) (Ah)	100A
Normal Capacity (25C 0.2C) (WH)	5120WH
Standard Charge Voltage / Power	56.0V / 5600W
Operation Voltage range / Cut-Off / Battery Full	44.8V ~ 58.4V
Max Continuous Discharge Current(A)	100A
Parallels Function	Support 16 Units in Parallels
Max Continuous Charge Current(A)	100A
Cells brand / Cycle Life	BYD $\geq$ 8000 Cycles (80% DOD)
Charging Temperature Range / Discharging	0~65°C / -20~65°C
Wi-Fi Module	Built-In
Storage temperature	0°C ~ 30°C
IP degree	IP54
Storage duration	3 Months at 25°C
Safety standard	UN38.3, MSDS
Communication Port (Optional)	RS485, RS232, CAN
<b>PROTECTION</b>	
Protection	Over Charge Protection, Over Discharge protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection
<b>DIMENSION</b>	
LxWxH (mm)	480*600*150mm
Weight(GW Kg)	48 KG

## Compatible with Inverter Brands

Ziewnic Battery BMS supports simultaneous communication & compatible with multiple inverter brands

