

51.2V100AH

Z-BOX | LITHIUM POWER BANK

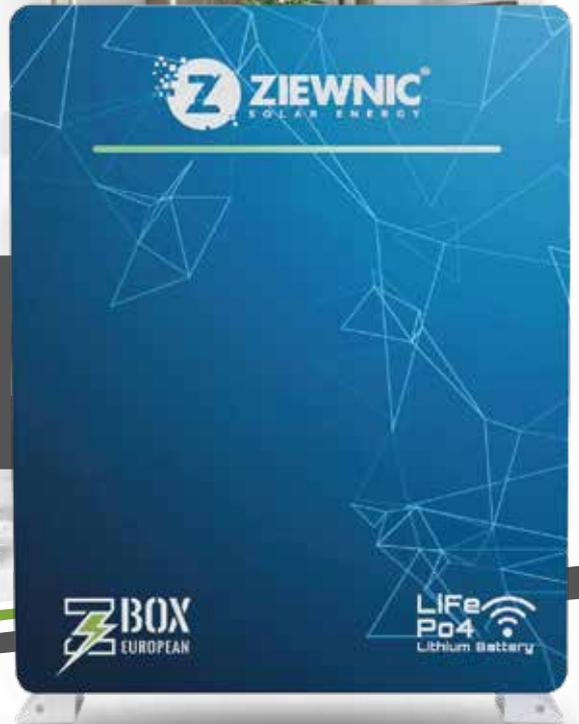
8000 LIFE CYCLE



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
- ✓ 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%)

IP54 PROTECTION AGAINST INGRESS OF DUST AND WATER

European Standard Design & Engineering



Wi-Fi Remote Monitoring

Ziwnic 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

PROTECTION

Protection	Over Charge Protection, Over Discharge protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection
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DIMENSION

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

