

NEUTRON BOX

POWERED BY BYD CELLS

5.12kWh

Specifications



Capacity
5.12kWh



Nominal Voltage
51.2V



Reliable
Long-term Usage



Battery Type
LiFePO4



Advance Features



WiFi Remote
Monitoring



Cloud Management
& OTA Updates



Superior LiFePO4
Safety Performance



Compatible With
Multiple Inverters Brands

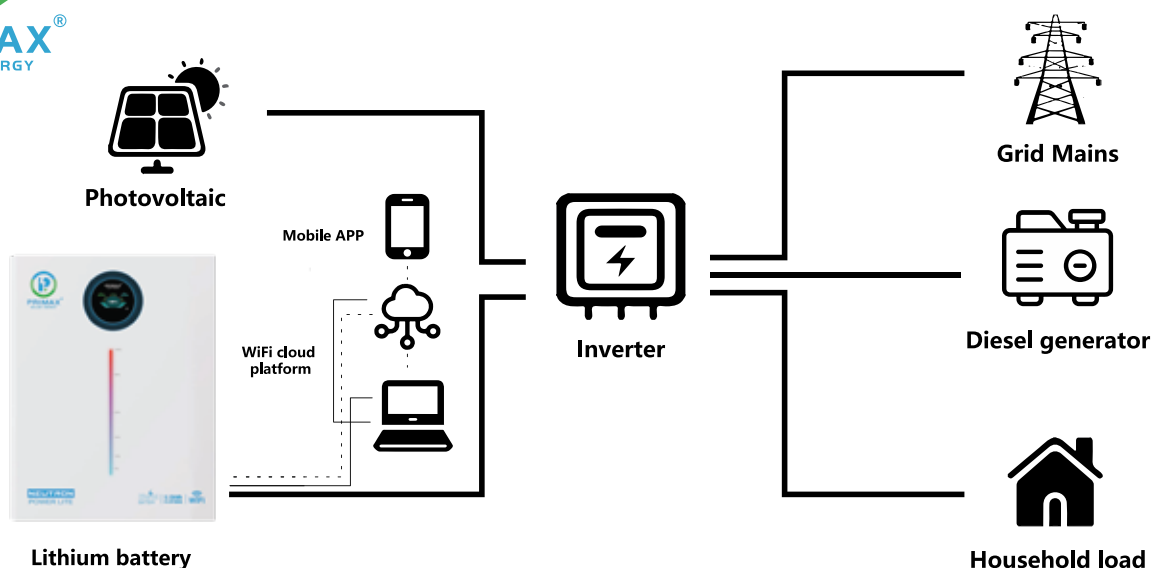


Low Voltage
Safety Connections



8000+ Cycles
@ 80% DoD

SOLUTION DIAGRAM



Product Specifications

Product Model	
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Cell Type	LFP
Standard Charge Voltage	56.8V
Max. Discharge Current	100A
Discharge Cut-off Voltage	44.8V
Parallel Function	Parallels: Max.16, Max.33, Max.64 (Optional)
Communication Interface	RS485, USB/RS232, CAN
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 90%DOD@65%EOL)
Charge Temperature Range	0~55°C
Discharge Temperature Range	-20~55°C
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3
Dimension	620*480*180mm(Excluding bracket)
Net Weight	≈52Kg
Installation Method	Wall Mounted
Display	Circular touch screen
Warranty	10 years warranty, 15 years design life
Energy Throughput ^[1]	22MWh
Optional	WiFi (Built-in WiFi antenna), Bluetooth, Fire Suppression module, Circuit Breaker (Built-in WiFi antenna)