

NIMBESS



WALL
MOUNTED

LiFePO4 BATTERY 5.12kWh



Overseas Certification



Features:



Flexible installation,
saving time and effort



1C/1C continuous
charge and discharge



5 years standard
warranty



Superior LiFePO4
safety performance



Low voltage
safety connection

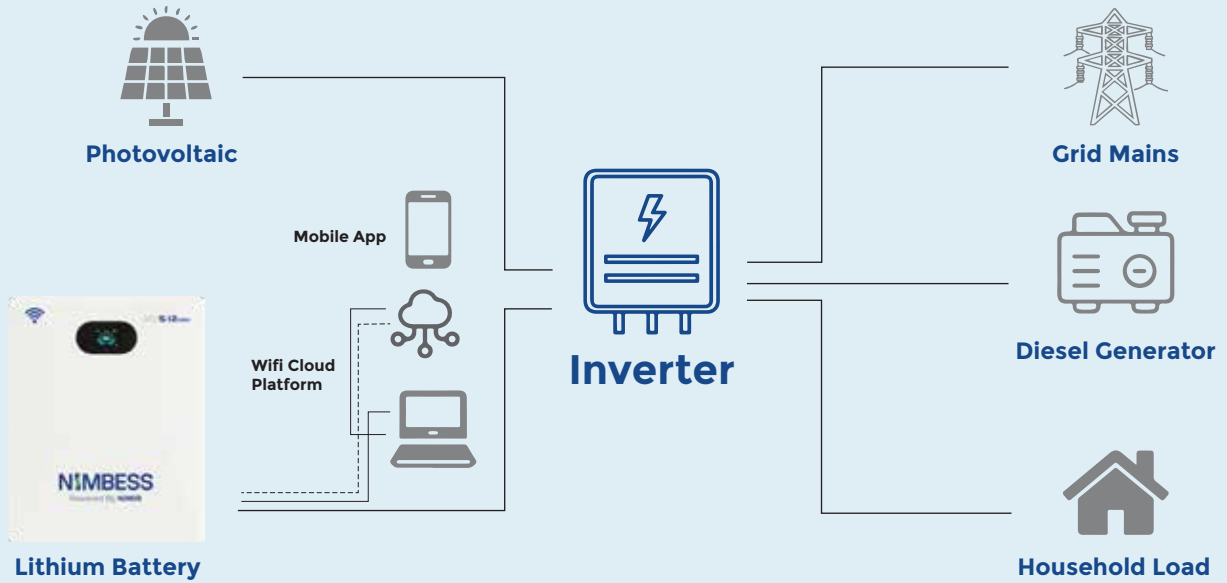


MAX
16
modules parallel



WiFi remote monitoring
and cloud management services

www.nimbess.com



PARAMETERS

Product Model	ES-BOX12(LCD)
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
Max Charging & Discharging Rate	1 C
Depth of Discharge (DOD)	80%
IP Rating	IP 20
Parallel Function	Support 16 Units In Parallels
Communication Interface	RS485, CAN, USB/RS232
Cycle Life	≈ 8000 Cycles (25°C±2°C, 0.5C, 80% DOD@65%EOL)
Charge Temperature Range	0~55°C
Discharge Temperature Range	-20°C~55°C
Certification	Pack: CEI 0-21/CE/IEC 62619/UL 1973 by Intertek/MSDS/UN38.3 Cell UL 1642IEC 62619/CE/EMC/ROHS/MSDS/UN38.3
Dimension (WxHxD)	480*600*150mm
Net Weight	50Kg
Installation Method	Wall Mounted/Floor Standing
Warranty	5 Years(Under Warranty Terms)
Functions	WIFI APP/Touchscreen/Breaker

Compatible With Inverter Brands

Battery BMS supports simultaneous communication and compatible with multiple inverter brands

