

# NIMBESS



WALL  
MOUNTED

## LiFePO4 BATTERY 2.56kWh



### 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

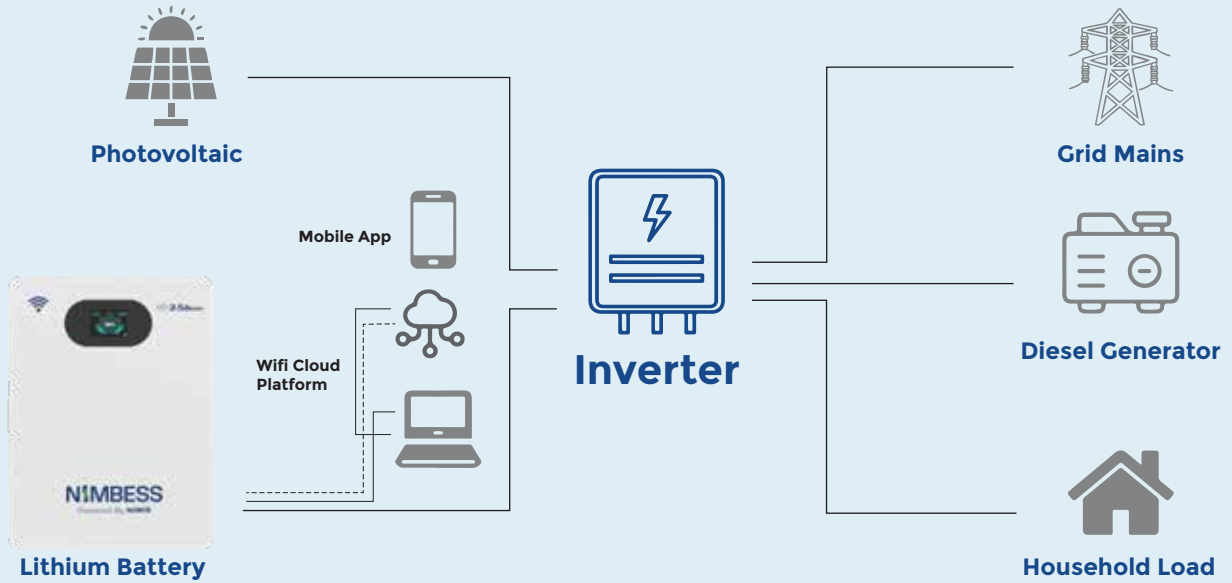


MAX  
16  
modules parallel



WiFi remote monitoring  
and cloud management services

[www.nimbess.com](http://www.nimbess.com)



## PARAMETERS

Product Model	ES-BOX12S(LCD)
Nominal Energy	2.56kWh
Nominal Voltage	25.6V
Nominal Capacity	100Ah
Cell Type	LFP
Standard Charge Voltage	28.4V
Max. Discharge Current	100A
Discharge Cut-off Voltage	22.4V
Max Charging & Discharging Rate	1C
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)	350*470*150mm
Net Weight	28Kg
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

