# NIMBESS

ENERGY FOR LIFE

# LiFePO4 Battery

## 16.08 kWh




UP TO 10 YEARS WARRANTY

10000 LIFE CYCLES

Terms & Conditions Apply

**SMART LITHIUM ENERGY SOLUTION**

F L O O R  S T A N D I N G

## Overseas Certification

IEC 62619

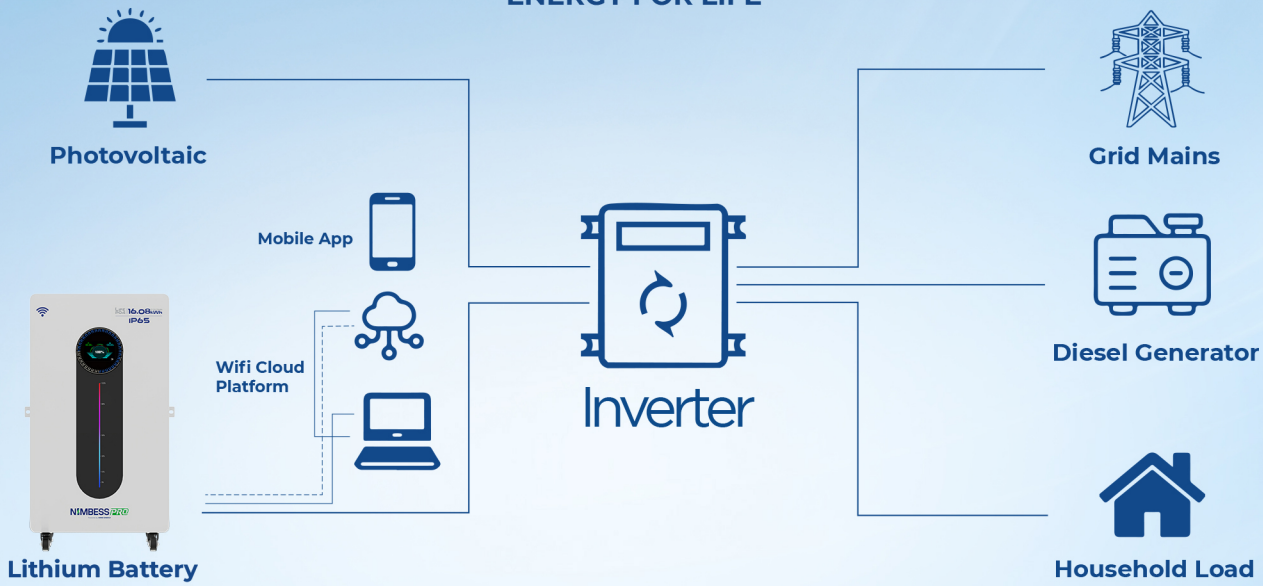
## Features

- Flexible installation that saves time & effort
- 1C/1C continuous charge & discharge
- Superior LiFePO4 safety performance
- Low voltage safety connection
- Max. 64 parallel modules
- IP65 Protection for outdoor installation
- Automatic Self-heating -20°C to 55°C
- WiFi remote monitoring & cloud management services

www.nimbess.com

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## Parameters

| | |
|---|---|
| Product Model | ES-BOX12FMAX+ |
| Nominal Energy | 16.08kWh |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 314Ah |
| Cell Type | LFP |
| Standard Charge Voltage | 56.8V |
| Max.Charge/Discharge Current | 200A |
| Discharge Cut-Off Voltage | 44.8V |
| Parallel Function | Max.64 |
| Communication Interface | RS485, CAN, RS232 |
| Cycle Life | ≥10000 Cycles (25°C±2°C, 0.35C, 90% 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<br>Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3 |
| Dimension | 840*490*247mm<br>(Excluding Wheels) |
| Net Weight | 128Kg |
| Installation Method | Floor Standing |
| Warranty | 10 years warranty, 15 years design life |
| Energy Throughput | 70MWh |
| Display | RGB LED Light |
| Include | Circuit Breaker |
| Optional | Automatic Heating, Fire Extinguishing Module, WIFI Remote Monitoring |
| Protection Grade | IP65 |

BMS supports simultaneous communication and compatibility with multiple inverter brands

INVEREX · solis · Growatt · GOODWE · SOFAR · SolarMax · CROWN · Voltronic Power · SMA · LUXPOWER TEK