



# Powerbox Pro

## ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safety performance and longer cycle life, which offers you various capacities to meet more of your requirements.

**APP Monitoring • Various Installation • IP65 Protection • Flexible Expansion**

## Features and advantages



**APP Monitoring**  
Remote upgrade available



**Easy to Install**  
Plug and play



**Expandable**  
5 systems in parallel with a capacity of up to 51.2kWh



**High Safety**  
LFP & smart BMS



**Wide Compatibility**  
Matching with leading inverter brands



**IP65**  
High protection level

## Technical Parameters

| Model                                | Powerbox Pro   |
|--------------------------------------|--|
| Battery Type                         | LiFePO4  |
| Nominal Capacity                     | 200Ah  |
| Nominal Battery Energy               | 10.24kWh   |
| Recommend Output Power               | 5.12kW   |
| Max Output Power                     | 7.68kW   |
| Recommended Charge/Discharge Current | 100A   |
| Max.Charge/Discharge Current         | 150A   |
| Peak Power Charge/Discharge Current  | 200A(15s)  |
| Depth of Discharge                   | 90%  |
| Net Weight                           | 103kg  |
| Nominal Voltage                      | 51.2V  |
| Dimension[W*D*H]                     | 555*210*928mm  |
| Working Voltage                      | 44.8-57.6V   |
| Charging Temp. Range                 | 0~55°C   |
| Discharging Temp. Range              | -20~55°C   |
| Communication                        | CAN/RS485/RS232  |
| Warranty                             | 5 Years  |
| Warranty Document Supplied           | Yes  |
| Calendar Life <sup>[1]</sup>         | ≥6000 Cycles   |
| Protection Level                     | IP65   |
| Configuration                        | Up to 5 units in parallel  |
| Color                                | White  |
| Alarms                               | Overcharge/Overdischarge/Overcurrent/<br>Overtemperature/Short Circuit               |
| Monitoring & Protection              | Each system has smart BMS, breaker<br>embedded in system                             |
| Pros                                 | Can be used in both off-grid and hybrid<br>setups, compact design, modular expansion |
| Compatible Inverters                 | Victron/SMA/Goodwe/Imeon/Solis/SAJ/<br>Growatt/Luxpower/Voltronic/Deye etc.          |
| Certification & Safety Standard      | CE/UN38.3/IEC62619/IEC62040 undergoing   |

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD