

# Powerbox Pro

The Powerbox Pro is a type of deep cycle and high capacity LFP battery with improved safety, long lifespan, and optimized user experience. It is especially designed with IP65 for more flexible and easier installation indoor or outdoor with wall-mounted and landed installation options. With up to 10 kWh for a single unit and max. 5 units in parallel with superior performance, it can meet the household electricity demand. Get ready with Powerbox Pro for super power storage for your life.



**APP Monitoring (optional)**  
Real-time monitoring  
& Remote upgrade available



**High Protection Level**  
Indoor & outdoor options



**Various Mounting Methods**  
Wall-mounted  
or floor-standing installations



**High Safety**  
LFP & smart BMS



**Wide Compatibility**  
Matching with leading inverters

# Technical Specifications

| Model                                 | Powerbox Pro   |
|---------------------------------------|--|
| Battery Type                          | LiFePO4  |
| Nominal Battery Energy                | 10.24kWh   |
| Usable Energy                         | 9.728kWh   |
| Operating Voltage                     | 44.8 ~ 57.6V   |
| Nominal Voltage                       | 51.2V  |
| Nominal Capacity                      | 200Ah  |
| Nominal Power                         | 5.12kW   |
| Peak Power                            | 10.24kW  |
| Recommended Charge & Discharge C Rate | 0.5C   |
| Recommended Charge/Discharge Current  | 100A   |
| Recommended Depth of Discharge (DOD)  | 90%  |
| Net Weight                            | 103kg  |
| Dimension[W*D*H]                      | 555*210*928mm  |
| Charging Temp. Range                  | 0~55°C   |
| Discharging Temp. Range               | -20~55°C   |
| Communication                         | CAN/RS485/RS232  |
| Cycle Life <sup>[1]</sup>             | ≥6000 Cycles   |
| Protection Level                      | IP65   |
| Expansion                             | Up to 5 units in parallel  |
| Color                                 | White  |
| Alarms                                | Overcharge/Over-discharge/Overcurrent<br>/Overtemperature/Short Circuit                  |
| Pros                                  | Can be used in both off-grid and hybrid setups,<br>compact design, floor or wall-mounted |
| Certification & Safety Standard       | UN38.3/CE-EMC/IEC62619/IEC62040<br>/IEC60730/UKCA/CEC Accredited                         |
| Compatible Inverters                  | SMA/Victron/Ingeteam/Delios/Goodwe/Solis<br>/Deye/SAJ/Voltronic/Sungrow etc.             |

[1]Test conditions: 0.2C Charging/Discharging, @25°C, 90% DOD