

# Dyness Powerbox

## 【Powerbox】

Adopts LiFePO4 chemistry battery with safety performance and long life time, which offers you four capacities to meet your more requirements.

TUV Certified · CEC Accredited · IP65 Protection · Flexible Expansion



## SPECIFICATION

| Model                                 | Powerbox   |           |           |           |
|---------------------------------------|--|-----------|-----------|-----------|
| Battery Type                          | LiFePO4  |           |           |           |
| Battery Module                        | 1 Module   | 2 Modules | 3 Modules | 4 Modules |
| Battery Capacity [Ah]                 | 50   | 100       | 150       | 200       |
| Nominal Battery Energy [kWh]          | 2,4  | 4,8       | 7,2       | 9,6       |
| Max Output Power [kW]                 | 2,4  | 4,8       | 4,8       | 4,8       |
| Peak Output Current [Amp]             | 100, 1s  | 200, 1s   | 200, 3s   | 200, 3s   |
| Net Weight [Kg]                       | 47   | 69        | 91        | 113       |
| Dimension [H*W*D, mm]                 | 928*555*210  |           |           |           |
| Working Voltage [V]                   | 40,5-54  |           |           |           |
| Operating Temp. Range [°C]            | -20-50   |           |           |           |
| Calendar Life [Cycles] <sup>[1]</sup> | 6000   |           |           |           |
| Nominal Voltage [V]                   | 48   |           |           |           |
| Protection Level                      | IP65   |           |           |           |
| Communication                         | CAN / RS485 / DRY CONTACT  |           |           |           |
| Certification & Safety Standard       | TUV/CE/EN62619/IEC62040/UN38.3/CEC Accredited  |           |           |           |
| Scalability [kWh]                     | Up to no limit   |           |           |           |
| Compatible Inverters                  | Goodwe Victron Imeon Solis Luxpower Growatt GMDE Sofar Voltronic Deye<br>More brands will be announced |           |           |           |
| Warranty                              | 10 Years   |           |           |           |
| Warranty Document Supplied            | Yes  |           |           |           |
| Color                                 | White  |           |           |           |
| Alarms                                | Overcharge Overdischarge Overcurrent Overtemperature Short Circuit                                     |           |           |           |
| Pros                                  | Can be used in both off-grid and hybrid setups, compact design, modular expansion                      |           |           |           |
| Monitoring & Protection               | Each module has BMS, breaker embedded in system  |           |           |           |

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

## Features and advantages

- Compact Size & Light Weight
- High Power Output & Usable Energy Ratio
- Modular Design & Expandable System
- Safest Battery & Perfect Compatibility
- Natural cooling & Easy Installation
- Certifications Available

