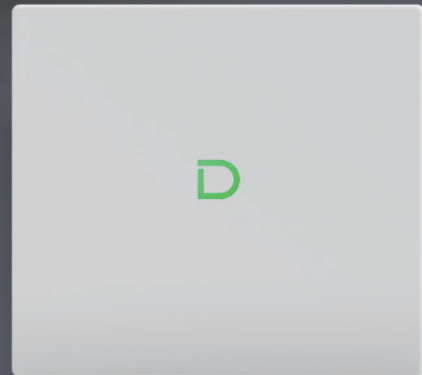


# Powerbox G2

Powerbox G2 is a low-voltage product designed for residential energy storage scenarios, supporting up to 50 parallel units, 10.24kWh--512kWh energy coverage. With 6.5in slim design, there is no limit to the installation space. 1C Discharge, providing strong power for household electricity consumption.



## Flexible Expansion

Up to 50 units in parallel,  
10.24kWh--512kWh capacity



## Ultra Safe

Intelligent fire extinguishing system,  
react within 5 seconds,  
automatic pressure relief



## Automatic Self-heating

-20°C to 55°C operating temperature  
(optional)



## 1C Discharge

Max discharge current:200A, simultaneously  
supplying power to multiple loads



## Easy Installation

30% less volume, 15% less weight,  
save time and labor



## IP65 Protection

Fearless of outdoor installation,  
strong environmental adaptability

| Model                                    | Powerbox G2   |
|--|---|
| Battery Type                             | LiFePO <sub>4</sub>   |
| Nominal Battery Energy                   | 10.24kWh  |
| Usable Energy                            | 9.728kWh  |
| Operating Voltage                        | 44.8~57.6V  |
| Nominal Voltage                          | 51.2V   |
| Nominal Capacity                         | 200Ah   |
| Nominal Charge or Discharge Power        | 5.12kW  |
| Max Discharge Power                      | 10.24kW   |
| Recomended Charge & Discharge C Rate     | 0.5C  |
| Max Discharge C Rate                     | 1C  |
| Recommended Charge/Discharge Current     | 100A  |
| Max Discharge Current                    | 200A  |
| Peak Discharge Current                   | 300A (2mins, 25°C)  |
| Recommended Depth of Discharge (DOD)     | 95%   |
| Net Weight                               | 96kg  |
| Dimension[W/D/H] (mm)                    | 710/165/640   |
| Charging Temp. Range                     | 0~55°C/-20~55°C (with heating function)   |
| Discharging Temp. Range                  | -20~55°C  |
| Communication                            | CAN/RS485   |
| Cycle Life *                             | Unlimited cycles/10 Years   |
| Protection Level                         | IP65  |
| Expansion                                | Up to 50 units in parallel  |
| Color                                    | White   |
| WIFI Module                              | Built-in WiFi module; APP OTA function  |
| Battery low temperature heating function | Optional  |
| Active fire protection system            | Built-in aerosol fire extinguisher  |
| Certification & Safety Standard          | UN38.3/CE-EMC/IEC62619/IEC62040/CE-RED/CEC/GOST-R                                       |
| Compatible Inverters                     | SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/SOFAR/SAJ/DEYE etc. |

\* Test conditions: 0.2C Charging & Discharging. @25°C, 95% DOD

