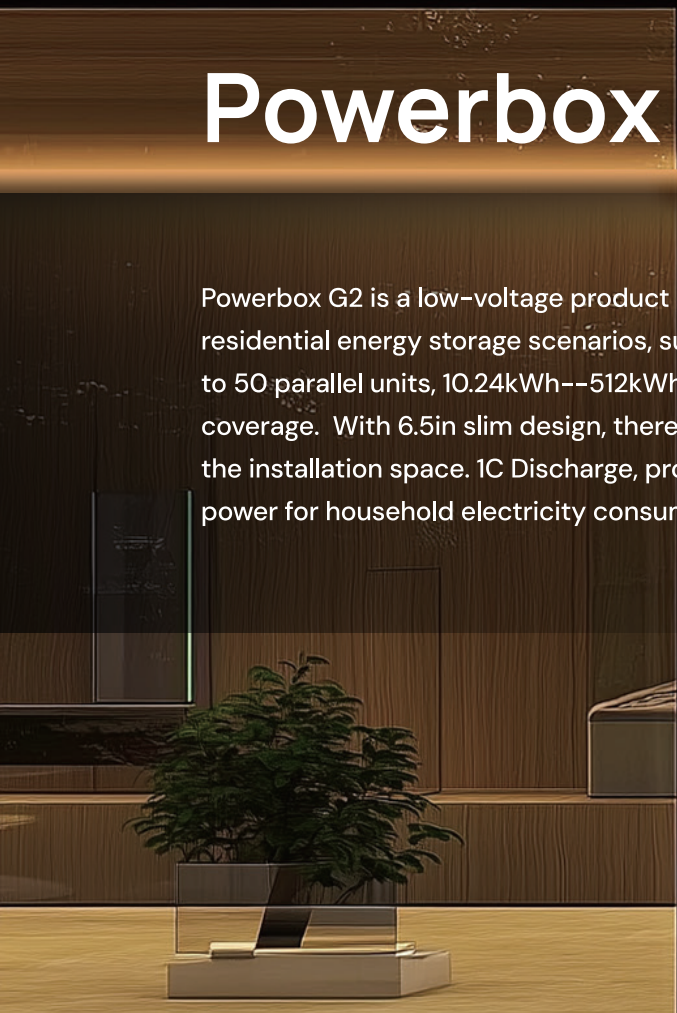
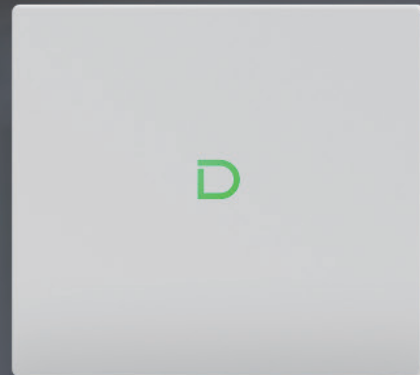


Powerbox G2

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, automatically 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 insatallation,
strong environmental adaptability

| Model | Powerbox G2 |
|------------------------------------------|------------------------------------------------------------------------------------------------|
| Battery Type | LiFePO ₄ |
| 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 |
| Recommended 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*640mm |
| Charging Temp. Range | 0~55°C/-20~55°C (with heating function) |
| Discharging Temp. Range | -20~55°C |
| Communication | CAN/RS485 |
| Cycle Life * | ≥8000 cycles / 10 Years |
| Protection Level | IP65 |
| Expansion | 50 |
| 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 | Solis/Deye/Luxpower/Voltronic/Hoymiles/Growatt/Goodwe/SMA/Victron/Ingeteam/Delios/SAJ/APS etc. |

* Test conditions: 0.2C Charging & Discharging. @25°C, 95% DOD
Note: This specification is only suitable for Southeast Asia

