

Powerbox G2

The Powerbox G2 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 12 units in parallel with superior performance, it can meet the household electricity demand. Get ready with Powerbox G2 for super power storage for your life.



Lighter and Smaller
15% weight reduction, 30%
volume reduction



Build in Active fire protection
system



Unlimited Cycles
/ 10 Years warranty



-20 degrees low temperature
charging function
Battery low temperature heating
function (optional)

Technical Specifications

| Model | Powerbox G2 |
|--|---|
| 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 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 |
| Recommended Depth of Discharge (DOD) | 95% |
| Net Weight | 95kg without glass front panel; 98Kg with glass front panel |
| Dimension[W*D*H] | 710*165*640mm |
| Charging Temp. Range | 0 ~ 55°C |
| Discharging Temp. Range | 0~55°C / -20~55°C (with heating function) |
| Communication | CAN/RS485 |
| Cycle Life ^[1] | Unlimited cycles / 10 Years |
| Protection Level | IP65 |
| Expansion | Up to 12 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、IEC62619、IEC62040、CEC、CE RED |
| Compatible Inverters | SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc. |

[1]Test conditions: 0.2C Charging/Discharging, @25°C, 95% DOD



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