

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 40 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
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	95kg without glass front panel; 98Kg with glass front panel
Dimension[W*D*H]	710*165*640mm
Charging Temp. Range	0 ~ 55°C (with heating function)
Discharging Temp. Range	0~55°C / -20~55°C
Communication	CAN/RS485
Cycle Life ^[1]	Unlimited cycles / 10 Years
Protection Level	IP65
Expansion	Up to 40 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/Growatt/APS etc

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