

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 16.5cm 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, detects and extinguishes fire in 5s, automaticly 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

Support wall-mounted, floor-mounted installations, high space utilization

IP65 Protection

Fearless of outdoor installation, strong environmental adaptability

Model	Powerbox G2
Battery Type	$LiFePO_4$(LFP)
Nominal Battery Energy	10.24 kWh
Usable Battery Energy	9.728kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Operating Voltage	44.8V~57.6V
Recommended Charge & Discharge C Rate	0.5C (100A)
Max. Discharge C Rate	1C (200A)
Peak Discharge Current (25°C)	300A, 2min
Recommended Charge & Discharge Power	5.12kW
Max. Discharge Power	10.24kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	0°C~55°C/-20°C~55°C (optional)
Discharge Temp. Range	-20°C~55°C
Net Weight	95kg
Dimension[W/D/H]	710/165/640mm
Protection Level	IP65
Communication	CAN/RS485
Cycle Life [1]	≥8000 Cycles
User Interface	WIFI+APP
Safety Protection	Built-in aerosol fire extinguisher
Installation	Floor-mounted,Wall-mounted
Expansion	Up to 50 units in parallel
Warranty Period [2]	10 Years
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/CE-RED/CEC/GOST-R/CEI 0-21
Compatible Inverters	SMA/Victron Energy/Ingeteam/Solis/GoodWe/Growatt/Solplanet/Luxpower/Deye/Apsystem etc.

[1] Test conditions: 0.2C Charging& Discharging, 25°C, 95% DOD, 70%EOL
[2] Refer to Dyness Warranty Letter