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DYNESS



PowerDepot G2

PowerDepot G2 is a low-voltage product designed for residential energy storages. It supports 50 parallel units with a capacity range from 5.12kWh to 256kWh.It also has a high IP66 protection rating and supports indoor and outdoor installation.Built-in aerosol fire extinguisher that eliminates fire risks and ensures the safety of electricity in the home

Flexible Expansion

Up to 50 units in parallel, 5.12kWh--256kWh capacity

IP66 Protection

Fearless of outdoor insatallition, strong environmental adaptability

Ultra Safe

Intelligent fire extinguishing system, detects and extinguishes fire in 5s

Automatic Self-heating

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

Easy Installation

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

Battery Equalization

Supports for mixing modules under different SOC to ensure battery life

Model	PowerDeopt G2
Battery Type	$LiFePO_4$
Nominal Voltage/Capacity	51.2V/100Ah
Nominal Battery Energy	5.12kWh
Operating Voltage	44.8V-57.6V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Charge/Discharge Current	Charge:75A/Discharge:100A
Peak Discharge Current	200A@2min
Cycle Life*	≥8000 cycles/10 years
Depth of Discharge (DOD)	95%
Charge Temperature	0°C~55°C/-20°C~55°C（optional）
Discharge Temperature	-20°C~55°C
Protection Level	IP66
Dimension[W/D/H](mm)	450/165/660mm
Net Weight	54.4kg
Maximum Parallel Modules	50
Fire Protection System	Built-in aerosol fire extinguisher
WIFI Module	Built-in WiFi module, APP OTA
Communication	CAN/RS485
Certification	UN38.3/IEC62619/CE-EMC
Compatible Inverters	SMA/Schneider/Victronenergy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE/Apsystem etc.

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