

DYNESS

PowerDepot G2

5.12 kWh~256 kWh Capacity
Residential Low-voltage Battery (51.2 V)



Ultra slim design, space-saving
Floor-mounted, wall-mounted installations



Ultra Safe

Built-in aerosol fire extinguisher
to eliminate fire risks

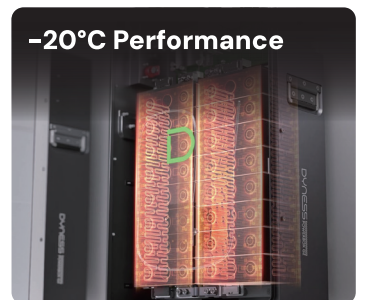
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IP66 Protection rating



-20°C Performance



Smart Monitoring & Management LED+APP+Web



1C Discharge
100 A (5.12 kW)

SPECIFICATION

Model	PowerDepot G2
Battery Type	LiFePO ₄ (LFP)
Nominal Battery Energy	5.12 kWh
Usable Battery Energy	4.864 kWh
Nominal Capacity	100 Ah
Nominal Voltage	51.2 V
Operating Voltage	44.8 V~57.6 V
Recommended Charge & Discharge C Rate	0.5C (50 A)
Max. Charge C Rate	0.75C (75 A)
Max. Discharge C Rate	1C (100 A)
Peak Discharge Current (25°C)	200 A, 2min
Recommended Charge & Discharge Power	2.56 kW
Max. Charge Power	3.84 kW
Max. Discharge Power	5.12 kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	-20°C~55°C
Discharge Temp. Range	-20°C~55°C
Net Weight	54.4 kg
Dimension[W/D/H]	450/165/660mm
Protection Level	IP66
Communication	CAN/RS485
Cycle Life ^[1]	≥8000 Cycles
User Interface	WIFI+APP
Safety Protection	Built-in aerosol fire extinguisher and 125 A 1P Breaker
Installation	Floor-mounted,Wall-mounted
Expansion	Up to 50 units in parallel
Warranty Period ^[2]	10 Years
Certification & Safety Standard	UN38.3/IEC62619/CE-EMC/ CEI 0-21
Compatible Inverters	SMA/Victron Energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE/Sungrow etc.

[1] Test conditions: 0.2C Charging & Discharging, 25°C, 95% DOD, 70%EOL

[2] Refer to Dyness Warranty Letter

