DYNESS

NEW

Powerbox G3

10.24 kWh~512 kWh Capacity
Residential Low-voltage Battery



Ultra Slim Design, Space-saving

Floor-mounted, wall-mounted installations



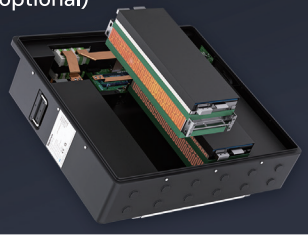
Ultra Safe

Built-in aerosol fire extinguisher
to eliminate fire risks
Automaticly pressure relief



-20°C Performance

(optional)

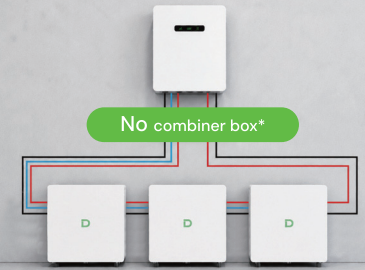


IP65 & C5-M



Lower Cost

Supports hand-in-hand connection



*10 kW < when the power of the inverter system ≤20 kW

1C Discharge

200 A (10.24 kW)

Smart Monitoring & Management

LED+APP+Web



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Information might be subject to change without notice during product improving.

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SPECIFICATION

Model	Powerbox G3
Battery Type	$LiFePO_4$ (LFP)
Nominal Battery Energy	10.24 kWh
Usable Battery Energy	9.728 kWh
Nominal Capacity	200 Ah
Nominal Voltage	51.2 V
Operating Voltage	44.8 V~57.6 V
Recommended Charge & Discharge C Rate	0.5C (100 A)
Max. Discharge C Rate	1C (200 A)
Peak Discharge Current (25°C)	300 A, 2min
Recommended Charge & Discharge Power	5.12 kW
Max. Discharge Power	10.24 kW
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	96.12 kg
Dimension[W/D/H]	710/165/730mm
Protection Level	IP65
Anti-corrosion	C5-M
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/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