

Fast Charge/Discharge:
200 A (10.24 kW)



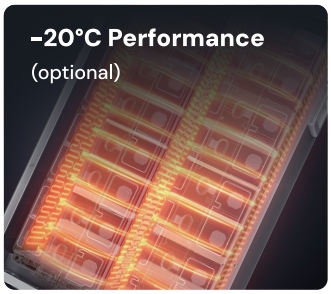
Ultra Safe
Built-in aerosol fire extinguisher
to eliminate fire risks



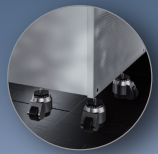
IP65 Protection Rating



-20°C Performance
(optional)



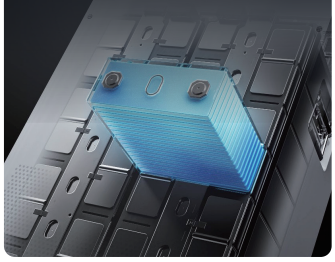
Floor-mounted,
wall-mounted installations





Easy to move by
1 person with
wheels (optional)

314Ah LFP cells
8000+ cycles



Smart Monitoring
& Management
LED+APP+Web



File version-20260520-en
Information might be subject to change without notice during product improving.

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SPECIFICATION

Model	PowerBrick Plus
Battery Type	$LiFePO_4$ (LFP)
Nominal Battery Energy	16.08 kWh
Usable Battery Energy	15.28 kWh
Nominal Capacity	314 Ah
Nominal Voltage	51.2 V
Operating Voltage	44.8 V~57.6 V
Recommended Charge & Discharge C Rate	0.45C (140 A)
Max. Charge C Rate	0.64C (200 A)
Max. Discharge C Rate	0.64C (200 A)
Peak Discharge Current (25°C)	300 A, 2min
Recommended Charge & Discharge Power	7.168 kW
Max. Charge Power	10.24 kW
Max. Discharge Power	10.24 kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	-20°C~55°C
Discharge Temp. Range	-20°C~55°C
Net Weight	117 kg
Dimension[W/D/H]	435/235/850 mm
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
Regulating Wheel (4pcs)	1 kg, 80/80/80 mm (optional)
Top Cover	2 kg, 435/233/60 mm (optional)
Expansion	Up to 50 units in parallel
Warranty Period [2]	10 Years
Certification & Safety Standard	UN38.3/IEC62619
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