

# PowerBrick Pro

PowerBrick pro is a low-voltage product designed for household energy storage scenarios. It has a high IP65 protection rating and supports indoor and outdoor installation. It uses a high capacity 280Ah battery to support 50 parallel units with a capacity range from 14.3kWh to 716.8kWh, easily satisfying home power needs.



### Flexible Expansion

Up to 50 units in parallel, 14.3kWh--716.8kWh capacity



### Fast Charge/Discharge

Maximum discharge current: 200A, simultaneously supplying power to multiple loads



### Ultra Safe

Intelligent fire extinguishing system, react within 5 seconds



### Easy Installation

Easy to move by one person with wheels(optional)



### Long-term Reliability

280Ah LFP cells, 8000+ cycles, 10-year long warranty



### IP65 Protection

Fearless of outdoor insatallation, strong environmental adaptability

Model	PowerBrick Pro
Battery Type	LiFePO <sub>4</sub>
Nominal Voltage/Capacity	51.2V/280Ah
Nominal Battery Energy	14.336kWh
Operating Voltage	44.8V~57.6V
Recommended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	140A
Max. Charge Current	200A
Max. Discharge Current	200A
Peak Discharge Current	300A(2min, 25°C)
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	IP65
Dimension[W/H/D]	435/235/850mm
Net Weight	115kg
Maximum Parallel Modules	50
WiFi Module	Built-in WiFi module, APP OTA
Fire Protection System	Built-in aerosol fire extinguisher
Regulating wheel (4pcs)	1kg,80/80/80 (optional)
Top cover	2kg,422/232/60 (optional)
Communication	CAN/RS485
Certification	UN38.3/IEC62619/CE-EMC
Compatible Inverters	SMA/Schneider/Victronenergy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc.

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

