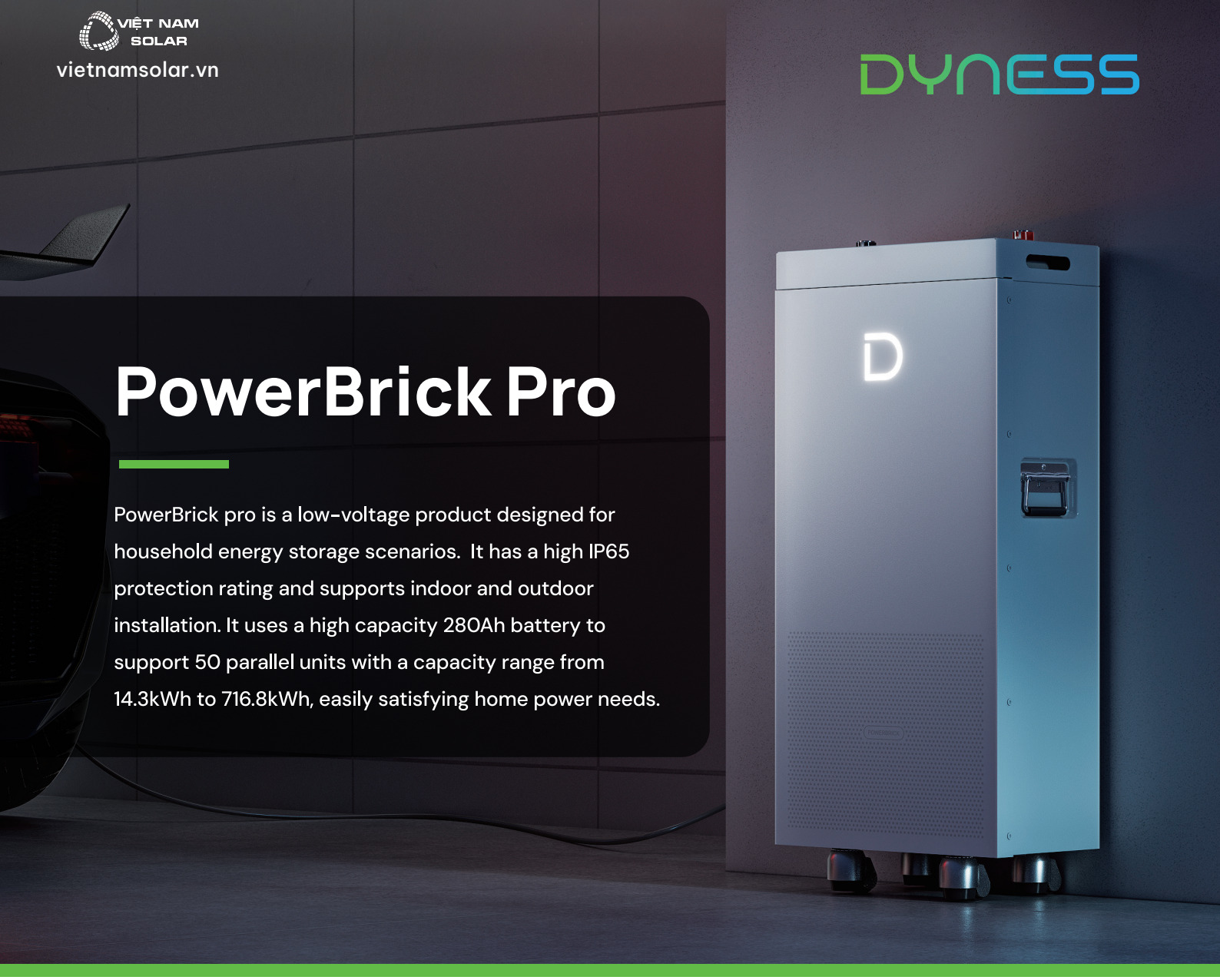
VIỆT NAM SOLAR
vietnamsolar.vn

DYNESS



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.

Fast Charge/Discharge

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

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

easy to move by one person with wheels(optional)

Long-term Reliability

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

IP65 Protection

Fearless of outdoor insatallition, strong environmental adaptability

Model	PowerBrick Pro
Battery Type	$LiFePO_4$
Nominal Voltage/Capacity	51.2V/280Ah
Nominal Battery Energy	14.336kWh
Operating Voltage	44.8V~57.6V
Recomended 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℃)
Cycle Life *	≥8000 cycles/10 Years
Depth of Discharge (DOD)	95%
Charge Temperature	0℃~55℃/-20℃~55℃（optional）
Discharge Temperature	-20℃~55℃
Protection Level	IP65
Dimension[W/D/H]	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/Solplanet//Luxpower/DEYE/Apsystem etc.

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