

PowerBrick

The Dyness battery PowerBrick module is widely used in energy storage sector. It adopts modular design and can be used for residential applications. The reliable LiFePO4 technology ensures maximum safety and a longer life cycle.



Compared to the previous generation, the size reduces 24%, and the capacity increases 40%



Maximum discharge current 200A, maximum discharge power 10kW



Fire Protection System: Aerosol fire extinguisher



10 years warranty



Maximum can be expanded to 716.8kWh(no HUB)

Technical Specifications

Model	PowerBrick
Battery Type	LiFePO4
Nominal Battery Energy	14.336kWh
Nominal Voltage/Capacity	51.2V/280Ah
Recommended Charge/Discharge Current	140A (0.5C)
Max. Charge Current	200A
Max. Discharge Current	200A
Depth of Discharge	95%
Communication	CAN/RS485
Cycle Life ^[1]	≥ 8000 cycles
Protection Level	IP20
Net Weight	114Kg
Dimension [W*D*H]	435*233*857mm (This dimension not include the bracket)
Maximum Parallel Modules	50
Charging Temp. Range	0 ~ 55°C
Discharging Temp. Range	-20 ~ 55°C
WIFI Module	Built-in WIFI module; APP OTA function
Fire Protection System	Aerosol fire extinguisher
Accessories Optional	Top cover/Wheels
Certification & Safety Standard	UN38.3/CE/IEC62619
Compatible Inverters	Solis/Deye/Voltronic/Hoymiles/Growatt/Goodwe /SMA/Victron/Ingeteam/Delios/SAJ/APS etc.

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

Note: This specification only suitable for AEC & ME