

Hearth Residential ESS

(16kWh,Floor-standing)

Residential Energy Storage Battery



Specifications

Model	GBP-Pro-I Series-51.2V314AH
Battery Type	LFP
Cell Capacity	314Ah
Capacity	16kWh
Nominal Voltage	51.2V
Max. Charge Current	150A
Max. Discharge Current	150A
Standard Charge/Discharge Current	0.5C
Communication	RS485/CAN
Dimensions	972×480×245mm
Weight	148kg
Operating Temperature	Charge:0 to 55°C Discharge: – 20 to 55°C
Storage Temperature	-20 to 55°C
Relative Humidity	85%
Max. Operating Altitude	<1500m
Cooling Method	Natural Air Cooling
Protection Rating	IP20

Installation Method	Floor-standing
Cycle Life	≥8000cycles
Expansion	Up to 20 modules in parallel (max. 48 modules for special applications)
Certifications	IEC 62133 UN38.3 MSDS

Note: The above data is for reference only and subject to change without prior notice.