



Hearth Residential ESS (5kWh, Wall-mounted)

Residential Energy Storage Battery

Specifications	
Model	GBP-Pro-I Series-51.2V100AH
Battery Type	LFP
Cell Capacity	100Ah
Capacity	5kWh
Nominal Voltage	51.2V
Max. Charge Current	50A
Max. Discharge Current	100A
Standard Charge/Discharge Current	0.5C
Communication	RS485/CAN
Dimensions	635×375×156mm
Weight	50kg
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	Wall-mounted
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.