



Hearth Residential ESS

(16kWh,IP65,Floor-standing)

Residential Energy Storage Battery

Specifications

ModelIP65 51.2V314Ah

Battery TypeLFP

Cell Capacity314Ah

Capacity16kWh

Nominal Voltage51.2V

Max. Charge Current200A

Max. Discharge Current200A

Standard Charge/Discharge Current0.2C

CommunicationBluetooth/Wifi /RS485/CAN

Dimensions800×450×286mm

Weight121kg

Operating TemperatureCharge:- 10 to 50°C
Discharge: -10 to 50°C

Storage Temperature0 to 30°C

Relative Humidity0~95%

Max. Operating Altitude<1500m

Cooling MethodNatural Air Cooling

Protection RatingIP65

Installation Method	Floor-standing
Cycle Life	≥8000cycles
Protection	Overcharge , Overdischarge , Overcurrent , Shortcircuit , Overtemperature
Certifications	UN38.3 MSDS

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