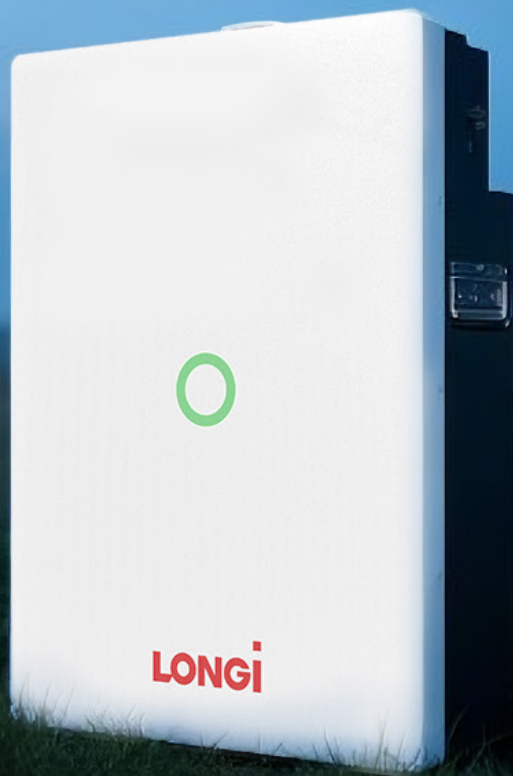


LONGi

LONGi eHome **U5**

5.12 kWh | Low Voltage
Battery System



5-year from
the date of product commissioning

LONGi eHome U5 Series Battery System

U5 Series Battery System is a low-voltage product designed for residential energy storages. It supports 50 parallel units with a capacity range from 5.12kWh to 256kWh. It also has a high IP66 protection rating and supports indoor and outdoor installation.



Flexible Expansion

Up to 50 units in parallel
5.12kWh--256kWh capacity



Battery Equalization

Cell-level battery passive balancing
enables greater energy output and extends battery life



IP66 Protection

Fearless of outdoor installation
strong environmental adaptability



Easy Installation

Support wall-mounted, floor-mounted installations
high space utilization

LGie - BL5 - XX05K66 - D

Property	Parameter
Type of Battery	LFP(lithium iron phosphate)
Single Battery Capacity(Ah)	100
Rated Energy of a Single Battery Pack(kWh)	5.12
Available Energy (kWh)	4.864
Rated Power(W)	2560
Rated Charging Power(W)	2560
Rated Discharge Power(W)	2560
Dimensions (H*W*D) (mm)	660*450*165
Weight(kg)	54.4
Rated Voltage (V)	51.2
Operating Voltage Range (V)	44.8-57.6
Maximum Charging Current(A)	75
Maximum Discharge Current(A)	100
Number of Cycles (times)(EOL 70%,25±2°C,80%DOD)	6000times
Noise(dB)	≤35

General parameters

Level of Protection	IP66
Way to Install	Floor Mounted、Wall Mounted
Charging Temperature Range(°C)	0~55°C
Discharge Temperature Range(°C)	-20~55°C
Working Environment Temperature(°C)	0~55
Humidity Range RH(%)	5%~85%
Type of Cooling	Natural Cooling
Communication Mode	CAN2.0、RS485
The Highest Altitude(m)	2000
Authentication	IEC62619、UN38.3