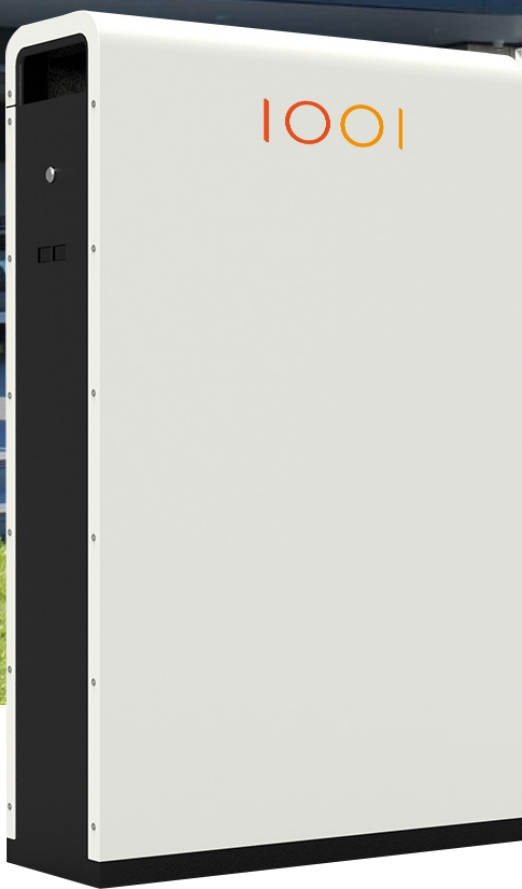




i-Battery Wall Mounted 16.38KWh

Low-volt Floor-mount Battery



Redefines energy storage with its ultra-slim 22cm high-capacity battery. Offering up to 8kW per unit, it's perfect for home energy systems or backup power. Compact and scalable, it combines efficiency, power, and sleek design in one solution.



A-Grade LFP Cells

Safe, reliable, and long-lasting performance.



Easy Installation

One battery meets household needs, with optional wheels for portability.



BMS Protection

Hardware and software safeguards against overcharge and over-discharge.



High Power Rate

Delivers up to 8kW of power per unit.



Scalable Capacity

Connect up to 16 units for a total capacity of 262.144kWh.



Ultra-Slim Design

Ultra-slim design with a sleek 22cm thickness and concealed terminals.

Model	i-BW16.38K
Battery Specification	
Nominal Capacity	16.38kwh
Nominal Voltage	51.2V
Working Voltage Range	40-58.4V
Nominal Charge/Discharge Current	160A
Max.Charge/Discharge Current	160A
Cycle Life ¹	10000 Cycles
Cell chemistry	Lithium-iron phosphate (LiFePO4)
General Specification	
Display	SOC status indicator, LED indicator
Communication	RS485 / CAN
Dimensions (W x D x H)	601.4*221.4*979.1mm
Weight ²	114Kg
Installation	Floor stand
Operating temperature	-20 °C to +55 °C
Max. operating altitudes	< 4500m
Relative humidity	<95% non-condensing
Cooling	Natural convection
IP rating	IP 20
Scalability ³	Max.16 batteries in parallel operation
Compatible inverters ⁴	Afore, Deye, Epever, GSL, Growatt, INVT, Infypower, Megarevo, NEP, Pylon, SAJ, Sinexcel, Sofar, Solis, SRNE, Sunwoda, Victron, Voltronic

*1 Test conditions: After 10000 cycles at 80% Depth of Discharge (DOD), 25°C ambient temperature, and 0.5C discharge rate, the remaining capacity is 70% of the initial capacity (EOL).

*2 The weight of the energy storage module is subject to actual products, with a tolerance of ±3%.

*3 If more than 16 batteries are connected in parallel, additional inverters will be required.

*4 For the latest compatibility with inverters, please confirm with the Helith team.

Disclaimer: The above data represents theoretical values measured in a laboratory under specific conditions. Actual values may vary slightly due to product variations, software versions, usage conditions, and environmental factors. Please refer to actual conditions for confirmation.

