HeroEE 16

HiTHIUM HeroEE

HeroEE 16 LV Battery

16kWh-256kWh Expandabale Capacity

Power, Always On

HeroEE 16 is a residential low-voltage battery pack, starts with 16kWh of reliable power — enough for days of heavy use. Expand seamlessly up to an industry-leading 256kWh to power through the longest outages and keep life moving without interruption.

Grade-A Battery Cells

HeroEE Cells by HiTHIUM, 2025 Q3 Global Shipment of Energy Storage Batteries TOP 2.

Ultra-Long Life

Battery cycle life up to 11,000 times.

Flexible Expansion

Flexibly expandable from 16kWh to 256kWh.

Easy Maintenance

Independent modules enable testing or replacement without full disassembly.

Flexible System

Configurable with PCS and other components as needed.

All-Round Safety

Short-circuit protection, surge resistance, safe and reliable.

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Technical Specifications		
Battery Energy	16kWh	
Rated Voltage	51.2V	
Operating Voltage	43.2~58.4V	
Max.Charge/Discharge Current	200A	
Recommend Charge/Discharge Current	157A	
Dimensions (W*D*H)(mm)	520*240*781.2	
Weight	110kg	
Scalability	Max. 16 Units in Parallel (Max. 256kWh)	
Battery Type	LFP ($LiFePO_4$)	
Depth of Discharge (DoD)	100%	
Battery Cycles	11,000 cycles@(25°C, 100%DOD, 0.5P, @70%SOH)	
Communication	CAN/RS485/RS232	
Display	LCD Touch Screen	
Installation Location	Indoor, Stand Only	
Operating Temperature	Charge	0°C to 55°C
	Discharge	-20°C to 55°C
Storage Temperature	-20°C to 60°C	
Humidity	10%~90%	
Cooling Strategy	Natural Convection	
Certifications	Ingress Rating	IP20/IP30
	Cell	UL9540A, UL1973, IEC62619, UN38.3
	Battery Pack	CE, CB, UN38.3, IEC62619, IEC62040

*The above is for reference only, the specification sheet shall prevail.

Shenzhen Hithium Hero Energy Equity Technology Co., Ltd

Web: www.hero-ee.com

website