HeroEE 16

HiTHIUM HeroEE

HeroEE 16 LV Battery

16kWh-240kWh 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 240kWh 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

The system features a cycle life of up to 8,000 system cycles.

Flexible Expansion

Flexibly expandable from 16kWh to 240kWh.

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 Type	LiFePO4
Battery Energy	16076.8Wh
Cell Capacity	314Ah
Battery Cell Lifespan	≥11000 cycles
Rated Voltage	51.2[VDC]
Charge Voltage Range	43.2~58.4[VDC]
Discharge Voltage Range	43.2~58.4[VDC]
Recommend Charge/Discharge Current	157A
Maximum Charge/Discharge Current	200A
Charge Mode	CC-CV
Built-in Communication Ports	CAN/RS485/RS232
Display	LCD Touchscreen
Scalability	Up to 15 batteries in parallel,240KWh
Ingress Protection Level	IP30/IP20
Protection	Overtemperature/Undertemperature/Overcharge/Overcurrent/Short Circuit/Undervoltage
Operating Temperature	Charging: 0°C~40°C Discharging: -20°C~55°C
Storage Temperature	-20°C~60°C
Net Weight	Approx. 117.6kg
Dimensions	L540.6*W240*H781.2
Certification	UN38.3/MSDS/IEC62619/IEC62040/IEC63056

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

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website