M 30

HiTHIUM HeroEE

M 30 LV Battery

30kWh-961kWh Expandabale Capacity

One Beats Three

M 30 is the first to adopt advanced 587Ah long-duration battery cells, delivering higher energy density and improved consistency.
A single M 30 provides 30 kWh of storage—compared with conventional expansion using three 10 kWh battery packs, it significantly reduces upfront cost, saves installation space, and lowers after-sales service rates.

Industry-leading

By innovatively adopting 587Ah battery cells, energy density is significantly increased while overall system costs are reduced.

Easier Maintenance

For the same capacity, the 587Ah cell solution reduces the number of parallel batteries and other components, resulting in a simpler and cleaner system design.

Flexible Expansion

Capacity can be flexibly expanded from 30 kWh to an impressive 961 kWh.

Ultra-Long Life

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

All-Round Safety

IP65-rated water & dust protection, Short-circuit protection, surge resistance, safe and reliable.

Top-tier Battery Cells

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

HeroEE M30

Technical Specifications		
Battery Energy	30.05kWh	
Nominal Voltage	51.2V	
Operating Voltage	43.2~58.4V	
Max.Charge/Discharge Current	300A	
Recommend Charge/Discharge Current	260A	
Dimensions (W*D*H)(mm)	720*252*792.1	
Weight	Approx. 205kg	
Scalability	Max. 32 Units in Parallel (Max. 961kWh)	
Battery Type	LFP ($LiFePO_4$)	
Battery Cell Lifespan	≥11000 cycles	
Product Lifespan	≥8000 cycles	
Communication	CAN/RS485	
Display	LCD Screen	
Installation Location	Outdoor/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	IP65
	Cell	UL9540A, UL1973, IEC62619, UN38.3
	Battery Pack	IEC62619\EN IEC 61000-6-1/2/3/4\UN38.3\MSDS IEC62040

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

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website