

enerbyte

| EnerWall E Series

51.2V | 16kWh

MAKING ENERGY BETTER



Premium Floor Standing Design

New Generation Design Sleek, space-saving form factor built for modern energy systems.



Smart Display Interface

Built-in touch screen shows real-time status, charge level, and alerts.



Wi-Fi Enabled Monitoring

Stay connected — track performance remotely via mobile or web.



Ultra-Long Cycle Life

Engineered for 8,000+ cycles — reliable performance for over a decade.



Safe & Intelligent BMS

Advanced battery management ensures protection and stability.



Seamless Inverter Compatibility

Works with all major hybrid and off-grid inverters



Product Name	LFP-EW 16KWh
	Electrical Characteristics
Nominal Voltage	51.2V
Nominal Capacity	314Ah
Nominal Energy	16077Wh (16kWh)
Usable Energy	14.95kWh
Cycle Life	8000cycles@80%DOD,25 °C/0.5C 11000cycles@50%DOD,25°C/0.5C
Operating Voltage	48-56V
Communication Interfaces	CAN/RS485/RS232/LAN (optional)
LCD/Wi-Fi	Yes/Optional
Scalable	Up to 16 units
Expansion Function	Single-pack level heat aerosol free extinguishing device/Heating function/ Bluetooth (optional)
	Charge & Discharge
Recommended charging/discharging current	100A
Maximum continuous charge/discharge current	150A
Recommended charging/discharging current	200A (3s)
Conversion Efficiency	99%,25°C /0.5C
	Environmental
Environment/ Protection Level	Indoor / IP20
Charging Temperature	0~55°C
Discharging Temperature	-10~55°C
Storage Temperature	Between 20°C and 45°C within three months; 25±3°C for more than three months
Storage Humidity	65+20% RH
Altitude	≤3,000 m
Cooling Method	Natural Convection
	Mechanical Characteristics
Dimension (L*W*D)	450*752*235mm
Weight	115KG
Installation	Floor/Wall-mounted
Protections	Over-current / Over-voltage / Short circuit / Under-voltage / Over temp
Certificate	UN38.3 / CE / IEC 62619(Cell)

*Total Energy / Usable Energy measured under specific conditions from 0.2C CC-CV and based on recommended DOD(93%)

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✓ Ideal Applications:



Solar Systems



UPS / EPS



Home Backup



Industrial Use



DC Power Systems