

enerbyte

| EnerWall Series

51.2V | 5.12kWh / 10.24kWh

MAKING ENERGY BETTER



Premium Wall-Mount Design

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



Smart Display Interface

Built-in 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 6,000+ cycles (90% DOD) — 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	51.2V100-EW A5	51.2V200-EW A10
	Electrical Characteristics	
Nominal Voltage	51.2V	51.2V
Nominal Capacity	100Ah	200Ah
Energy	5120Wh (5.12kWh)	10240Wh (10.24kWh)
Battery Chemistry	Lithium Iron Phosphate (LFP)	
Cycle Life	6000cycles@90%DOD, 25 °C/0.5C 9000cycles@50%DOD, 25 °C/0.5C	
Operating Voltage	43.2V-57.6V	
Communication Interfaces	CAN/RS485/RS232	
LCD/Wi-Fi	Yes/Optional	
Scalable	Up to 15 units	
Expansion Function	Single-pack level heat aerosol free extinguishing device/ Heating function/ Bluetooth	
	Charge & Discharge	
Recommended charging/discharging current	100A	200A
Max. continuous charge/discharge current	100A	200A
Recommended charging discharging	125A (10s)	250A (10s)
Current Conversion Efficiency	99%, 25 °C /0.5C	
	Environmental	
Environment/ Protection Level	Indoor / IP20	
Charging Temperature	With heating function: -20~55 °C; Without heating function: 0~55°C	
Discharging Temperature	-20 to 60°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)	780*495*217mm	
Weight	55kg	95kg
Installation	Wall-Mounted	
	Certifications	
Certificate	CB, IEC62619, UL1973, UL9540A, CE-EMC,UN38.3, MSDS	

✓ Ideal Applications:



Solar Systems



UPS / EPS



Home Backup



Industrial Use



Energy Cost Optimization