

LIFEPO4 ENERGY STORAGE

Endurance 5

Professional-grade lithium iron phosphate battery engineered for residential and commercial energy storage. Built for reliability, field serviceability, and exceptional cycle life.

5.12 KWH CAPACITY **10** YEAR WARRANTY **22 Year** CYCLE LIFE



Product image

KEY SPECIFICATIONS

NOMINAL CAPACITY 100 Ah	NOMINAL VOLTAGE 51.2 V	ENERGY 5.12 kWh
MAX CONTINUOUS DISCHARGE 100 A	PEAK DISCHARGE (5S) 150 A	WEIGHT 97 lbs

ELECTRICAL SPECIFICATIONS

Cell Type	LiFePO4 (Lithium Iron Phosphate)
Nominal Voltage	51.2V
Operating Voltage Range	44V – 58.4V
Charge Voltage	57.6V
Max Charge Current	100A
Cycle Life	≥6000 cycles @ 80% DoD
Round-Trip Efficiency	≥96%
Self-Discharge Rate	<3% per month

MECHANICAL & ENVIROMENTAL

Dimensions (L x W x H)	17.4" x 18.5" x 5.65"
Weight	97 lbs (44 kg)
Enclosure Rating	Indoor
Operating Temp (Discharge)	-4°F to 140°F
Operating Temp (Charge)	32°F to 131°F
Storage Temperature	-4°F to 113°F
Humidity	5% – 95% RH
Mounting	Wall / Rack / Floor

FEATURES

<p>Advanced BMS Multi-layer protection with active cell balancing</p>	<p>Expandable Connect up to 64 units in parallel</p>	<p>Field Servicable Designed for repair, not replacement. Spare parts available</p>	<p>Smart Monitoring RS485 / CAN bus communication Compatible with all major brands</p>
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American Support, American Infrastructure, American Accountability

US-based software. Idaho-based technical support team. No foreign entity dependencies.