



EndurEnergy Systems, Inc.

Fully-Integrated Battery Energy Storage Systems

Battery Pack

ESP-5100

Residential EMP

5.12 kWh DC Battery



Sense the Difference.
Live the Power.

Model	ESP-5100
Nominal Voltage	51.2 V
Working Voltage	48 V - 56 V
Battery Capacity	100 Ah
Nominal Battery Energy	5.12 kWh
Peak Power	5 kW 3s
Max. Battery Bank Size	51.2 kWh per string (10 packs per string)
Max. Battery System Capacity	327.68 kWh per system (8 strings with 8 packs each)
Recommended C rate	0.5 C
Round Trip Efficiency	97%
Recommended DoD	90%
Charge Temperature Range	32 °F to 113 °F (0 °C to 45 °C)
Discharge Temperature Range	14 °F to 122 °F (-10 °C to 50 °C)
Life Cycles	6000
Protection Level	IP20
Size L x W x H	17.40 x 19.70 x 5.24 in (442 x 500 x 133 mm)
Weight	92.60 lb (42.00 kg)
Battery Type	Lithium Iron Phosphate (LFP)
Warranty	10-Year
Compliance	UL9540, UL1973, CEC and SGIP listed. EMC tested.

⚡ **OUTLAST. OUTPERFORM. ENDUR™ IT ALL.** ⚡

EndurEnergy Systems, Inc.

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