



EndurEnergy Systems, Inc.

Fully-Integrated Battery Energy Storage Systems

Battery Pack

ESP-5K HL

Residential, Commercial, and Industrial
5 kWh DC Battery



Sense the Difference.
Live the Power.

Model	ESP-5K HL
Nominal Voltage	51.2 V
Working Voltage	48 V - 57.6 V
Nominal Battery Energy	5 kWh
Peak Power	5 kW 3s
Max. Continuous Discharge Rate	3 kW
Max. Continuous Charge Rate	3 kW
Max. Battery Bank Size	80 kWh per string (16 packs per string)
Max. Battery System Capacity	640 kWh per system (8 strings with 16 packs each)
Recommended C rate	0.5 C
Max. Charge & Discharge Current	60 A
Round Trip Efficiency	97%
Recommended DoD	90%
Charge Temperature Range	32 °F to 122 °F (0 °C to 50 °C)
Discharge Temperature Range	14 °F to 131°F (-10 °C to 55 °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	101.413 lb (46.00 kg)
Battery Type	Lithium Iron Phosphate (LFP)
Warranty	10-Year
Compliance	UL1973 certified. UL9540, UL9540A, CEC and SGIP pending

OUTLAST. OUTPERFORM. ENDUR™ IT ALL.

EndurEnergy Systems, Inc.

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