



# EndurEnergy Systems, Inc.

Fully-Integrated Battery Energy Storage Systems

Battery Pack

## ESP-5K HL

5 kWh DC Battery



Model	ESP-5K HL
Nominal Voltage	51.2 V
Working Voltage	48 V - 56 V
Battery Capacity	97.656 Ah
Nominal Battery Energy	5 kWh
Peak Power	5 kW 3s
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
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 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	UL9540, UL9540A, UL1973, CEC and SGIP pending



Sense the Difference.  
Live the Power.

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

1-888-E²-ENDUR (323-6387) • [endurenergy.com](http://endurenergy.com) • [sales@endurenergy.com](mailto:sales@endurenergy.com) • [support@endurenergy.com](mailto:support@endurenergy.com)