



EndurEnergy Systems, Inc.

Fully-Integrated Battery Energy Storage Systems

Battery Pack

ESP-5100

5.12 kWh DC Battery



Model	ESP-5100
Nominal Voltage (V)	51.2
Working Voltage (V)	48 - 56
Battery Capacity (Ah)	100
Nominal Battery Energy (kWh)	5.12
Peak Power (kW)	5 kW 3s
Continuous Power Output (kW)	3.00
Max. Battery Bank Size (kWh/string)	51.2 kWh (10 packs per string)
Max. Battery System Capacity (kWh/system)	327.68 kWh (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)
DBCharge Temperature Range	14 °F to 122 °F (-10 °C to 50 °C)
Calendar Life (Cycles) [1]	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

[1] Test condition: 0.2 C Charging/Discharging @ 25 °C, 80% DoD



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Live the Power.

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