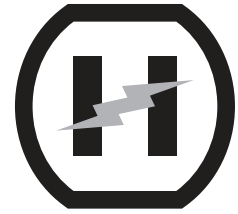


# HUMLESS POWER

## 5 kWh Lithium-Iron Phosphate (LiFePO4)

The Humless 5 kWh is ideal for residential, commercial, and emergency applications.

kWh	Cycle Life	Weight	Dimensions*
5.1	4,000+	106 lbs	17" x 16.625" x 8.75"



# HUMLESS™

### GENERAL SPECIFICATIONS

Nominal voltage	51.2 V
Voltage range	44 - 56.8 V
Capacity (Ah)	100 (Ah)
Continuous charging current	100 A
Continuous discharging current	100 A
Charge/discharge rate	1C
Peak current	120 A, ≤ 0.3s
Storage temperature	<86°F, SOC between 20%-60%
Output	Anderson terminal
Communication type	Double RS485
Protection function	Over-charge ; over-discharge ; over-current ; short circuit ; temperature protection

### MECHANICAL DATA

*Dimensions	17" x 16.625" x 8.75" (Handles included in dimension)
Handles	1.5" tall
Weight	106 lbs
Installation	Rack or Floor mounted
Cooling	Natural convection - no fan
Case material	Metal
Included	BMU/BMS/Modbus/Anderson

### BATTERY CHEMISTRY

Energy	5,120 Wh (100% DOD @ 0.2C Rate @ 77°F)
Chemistry	Lithium-Iron Phosphate (LiFePO4)
Cycle life	4000+ cycles (@0.2CA 80%DOD)
Temperature range	14°F to 113°F

### WARRANTY

Limited warranty	10 years or 4000 cycles
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### FEATURES & COMPLIANCE

Compatibility	All PV inverter manufacturers & grid-tied PV systems
Compliance	UL 1642, UN 38.3
Stacking	Up to 14 units in parallel

