

Voltstack® 5k

Entertainment Energy Storage System

Power Storage and Distribution Touring Rack



*Battery level certification



Catalog Number:
ESS005A3-22CC3IA-22CC2IB

Description:

Voltstack® 5k is the trailblazing electricity storage and distribution system that reigns supreme in the realm of silent, emission-free, off-grid portable power. With its cutting-edge technology and sleek design, the Voltstack® 5k stands tall as an industry leader. This powerhouse of a portable battery energy storage system effortlessly handles the power needs of temporary projects of almost any scale.

Typical Application:

Storing energy provided by utility, portable or solar sources, this portable system delivers silent, exhaust-free power to challenging locations that are away from typical and adequate power sources. Onboard battery cells may be recharged four thousand times to provide years of service. Also available in non-standard configurations, these outdoor-rated units have limited moving parts to minimize maintenance costs.

Wher Used:

Live Event, Motion Picture, TV/Film Production, Convention Centers, Rentals

The Voltstack® 30k makes clean, quiet, off-grid portable power available to remote locations through industry-standard connections

Specifications

Storage Rating	• Voltstack® 5k - 6.90kWh (Kilowatt Hours)
Storage Cell	• Lithium Ion (LiFePO ₄) Battery
Charging Ports	• (2) 15 Amp, 125 VAC, Single Phase, 2-pole, 3-wire, Single Panel Mount Inlets • (3) Sunstack Solar MPPT 4-pin Panel Mount Inlets
Charging Time (0% to 90% SOC)	• AC Ports: (1) Inlet - 6 Hours; (2) Inlets - 3 Hours • Sunstack Ports: 3 hours [†] • AC and Sunstack Ports: 2 Hours [†] [†] Assumes full use of 2400W solar input and optimal solar conditions
Outputs	• (2) NEMA 5-20, 20 Amp, 125 VAC, Single Phase, 2-pole, 3 Wire, Duplex Panel Mount Receptacles • (2) 5VDC 2.4A Type-A USB Receptacles
AC Output	• 120 VAC Pure Sine Wave (THD < 3%), 60Hz, Single Phase, 40A Max Continuous
Rated Output	• Continuous: 4,800W; Peak (3 Secs.): 5,800W
User Interface	• NeuronOS™ enabled wireless monitoring platform for real-time data, analytics and GPS • Battery monitor with state of charge, wattage in/out and operating and charging times • Surrounding protective handles with room to grip • Easy to use interface with 1-touch operating feature
Overcurrent Protection	• Built-in over-charge / over-discharge protection • Output protected against short circuit, overload, over-temperature and over-voltage • Master system on / off for storage and shipping
Dimensions Including Handles	• 2.50'H x 2.00' W x 2.67' D • 75.00 cm H x 60.00 cm W x 81.00 cm D
Weight	• 310# (141.00 kg)
Environmental Rating	• NEMA Type 3R • Discharging: -4°F to 122°F (-20°C to 50°C) • Charging: 32°F to 122°F (0°C to 50°C) • Storing: 50°F to 86°F (10°C to 30°C)
Features	• Four wheel (two stationary, two swivel) 5" neoprene casters
Carbon Offset	• Offsets 44# (20 kg) of CO ₂ e for 8 hours operation [‡] [‡] Assumes ¼ load output and low CO ₂ e charging source



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