VOLTstack® 5k Solar+

RATED OUTPUT

Continuous output: 4,800W
Peak power (3sec): 5,800W

AC OUTPUT

120VAC Pure Sine Wave (THD < 3%)
60 Hz, Single Phase, 40A Continuous

CHARGING PORTS

AC Input: 2 x 125VAC 20 Amp receptacle (NEMA 5-15P type)
Solar Input: 2 x SUNstack™ Proprietary Connectors

CHARGING TIMES

1 x AC Input (120VAC, 1,200W): 5 hours
2 x AC Input (120VAC, 2,400W): 2.5 hours
Solar MPPT Input (2400W): 2.5 hours*
Combined Input (AC + Solar): 1.25 hours*
*Under optimal solar conditions

BOX MECHANICAL SPECS

Weight: 330 lb / 150 kg

Four wheel (two stationary, two swivel) 5'' neoprene casters

Dimension of Unit incl. handles (L x W x H):
32'' x 24'' x 30'' / 810mm x 600mm x 750mm

SAFETY

Non-Combustible Aluminum Enclosure

Conforms to UL STD 1640

Certified to CSA 22.2 # 14

Recommended storage temperature: 10°C - 30°C

STORAGE

5.6 kWh nominal
Battery Type: Lithium-Ion (LiFePo$_4$)
Lifecycles: 4,000 cycles to 80% capacity*
*Full charge/discharge at 1C, 25°C

OUTPUT CONNECTORS

2 x 125VAC, 20A Weatherproof Receptacles (NEMA 5-20R)
2 x 5 VDC, 2.4A USB Receptacles

USER INTERFACE

App-enabled wireless monitoring platform for
real-time data, analytics, GPS & fleet management

Surrounding protective handles with room to grip

Easy to use interface with 1-touch operating feature

Battery monitor with state of charge, wattage in/out
and operating & charging times

Resettable Input & Output Breakers

OPERATING CONDITIONS

Operating temperature (discharging): -20°C up to 50°C

Operating temperature (charging): 0°C up to 50°C
N.B. Power output derates by 1.8% per °C above 40°C

PROTECTION

Built in overcharge / over-discharge protection

Output protected against short circuit, overload,
overtemperature & over-voltage

Master System On/Off for Storage & Shipping

CARBON OFFSET EQUIVALENT

Offsets 15 kg of CO_2e for 8 hours operation

PRELIMINARY