

VOLTstack® 5k Unit

SPECIFICATIONS

RATED OUTPUT

4.8 kW Pure Sine Wave Inverter
(Surge rating: 5.8 kW 3 sec, 7 kW peak)

AC OUTPUT

Single Phase 120V @ 40A for 1 hr Continuous
(20A per circuit)

AC CHARGING

2 x 120VAC 15 Amp receptacle (NEMA 5-15P type)
Recharge time @ 30 Amps (120V) is 2.5 hrs, @ 15A (120V) is 5 hrs

DC CHARGING

Input: SUNstack™ solar panel and cable supplied by Portable Electric

Max Operating Input Voltage PV: 150 VDC

Max Input Short Circuit Current: 30 Amps DC

OPERATING CONDITIONS

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

Operating temperature (charging): 0°C up to 50°C

BOX MECHANICAL SPECS

Weight: 330 lb / 150 kg

Four wheel (two stationary, two swivel) polymer casters

Dimensions (L x W x H):

Unit incl. handles - 31" x 20" x 29" / 790mm x 510mm x 740mm

SAFETY

Non-Combustible Aluminum Enclosure

Conforms to UL STD 1640

Certified to CSA 22.2 # 14

Recommended storage temperature: 10°C - 30°C

CARBON OFFSET EQUIVALENT

Offsets 34 kg of CO₂e for 8 hours operation



STORAGE

5.6 kWh (5 kWh usable)
Battery Type: Lithium-Ion

OUTLETS

2 x 120VAC 20 Amp Receptacles (NEMA 5-20R type)
2 x 20 Amp Circuits
2 x 5 VDC USB Receptacles

