



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 100V @ 40A for 1 hr Continuous
(20A per circuit)

AC CHARGING

2 x 100VAC 15 Amp receptacle (NEMA 5-15P type)
Recharge time @ 30 Amps (100V) is 2.5 hrs, @ 15A (100V) 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 (W x H x L):

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

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 100VAC 20 Amp Receptacles (NEMA 5-20R type)
2 x 20 Amp Circuits
2 x 5 VDC USB Receptacles

