



VOLTstack® 2k Unit

SPECIFICATIONS

RATED OUTPUT

2.4 kW Pure Sine Wave Inverter
(Surge rating: 3.5kW 5 sec, 5kW peak)

AC OUTPUT

Single Phase 120V @ 20A for 1 hr Continuous

AC CHARGING

1 x 120VAC 15 Amp receptacle (NEMA 5-15P type)
Recharge time @ 10 Amps (120V) is 2.5 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: 190 lb / 86 kg

Four wheel (two stationary, two swivel) polymer casters

Dimensions (L x W x H):

Unit incl. handles - 30" x 18" x 23" / 760mm x 460mm x 585mm

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 20 kg of CO₂e for 8 hours operation

STORAGE

2.8 kWh (2.5 kWh usable)
Battery Type: Lithium-ion

OUTLETS

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

