



VOLTstack® 5k (230V)

SPECIFICATIONS

RATED OUTPUT

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

AC OUTPUT

Single Phase 230V @ 20A for 1 hr Continuous

AC CHARGING

1 x 220 - 240VAC 16 Amp receptacle (IEC Type 513)
Recharge time @ 12 Amps (230V) 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: 150 kg

Four wheel (two stationary, two swivel) polymer casters

Dimensions (L x W x H):

Box - 79cm x 51cm x 74cm

Shipping - 84cm x 58cm x 79cm

SAFETY

Non-Combustible Aluminum Enclosure

BSI Certification Pending

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 230VAC 16 Amp Receptacles (IEC Type 113)
2 x 15 Amp Circuits (20 Amp Combined Max)
2 x 5 VDC USB Receptacles