



# VOLTstack® 2k Unit

## SPECIFICATIONS

### RATED OUTPUT

Continuous output: 2,400W  
Peak power (3sec): 4,500W

### AC OUTPUT

120VAC Pure Sine Wave (THD < 3%)  
60 Hz, Single Phase, 20A Continuous

### CHARGING PORTS

AC Input: 1 x 125VAC 20 Amp receptacle (NEMA 5-15P type)  
Solar Input: 2 x SUNstack™ Connectors

### CHARGING TIMES

1 x AC Input (120VAC, 1,200W): 2.5 hours  
Solar MPPT Input (360W): 7.5 hours\*  
Combined Input (AC + Solar): 1.75 hours\*  
\*Under optimal solar conditions

### BOX MECHANICAL SPECS

Weight: 190 lb / 86 kg  
Four wheel (two stationary, two swivel) 4" neoprene casters  
Dimension of Unit incl. handles (L x W x H):  
31" x 21" x 23" / 790mm x 550mm x 580mm

### SAFETY

Non-Combustible Aluminum Enclosure  
Conforms to UL STD 1640  
Certified to CSA 22.2 # 14  
Recommended storage temperature: 10°C - 30°C

### STORAGE

2.8 kWh nominal  
Battery Type: Lithium-Ion (LiFePo<sub>4</sub>)  
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

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 10 kg of CO<sub>2</sub>e for 8 hours operation

