Voltstack® 30k

Specifications



Output Power
Nominal output power: 33kVA /27kWMax
Surge rating: 41kVA / 34kW (15 seconds)

Output Voltage
120/208VAC three phase, pure sine wave (THD <3%),60Hz, 75A continuous (94A 15s surge)

Charging Times (0 to 90% SOC)
120/208VAC 80A 5-wire camlock inlet: 4 hours
120/208-240 VAC 50A 4-wire twist-lock (CS6375M2): 15 hours
EVSE Level 2 inlet 40A (SAE J1772): 15 hours
120V 15A inlet receptacle (NEMA 5-15P): Trickle Charge

Operating Temperature
Operating temperature (discharging): -10°C up to 50°C* (14°F up to 122°F*)
Operating temperature (charging): 0°C up to 50°C* (32°F up to 122°F*)

*Full rated power up to 32°C (90°F).Power derated linearly at 2.8%°Cfrom 32°C to 50°C (90°F to 122°F)

Mechanical Specs
Dimensions (WxL xH): 48” x 81” x 60” (1,219mm x 2,057mm x 1,524mm)
Unit weight: 4,850 lbs / 2,200 kg
Trailer dimensions (W x L): 6.7’ x 13’ (2,042mm x 3,962mm)
Trailer weight: 1,400 lbs / 635 kg
Trailer hitch: 2-5/16” ball
Outdoor rated enclosure (Designed to meet NEMA 3S)

Certifications
UL1973 certified, UL9540A tested battery
UL2202 certified DCFC Charger
Special inspection SPE 1000 CSA

Energy Storage
96kWh usable
Battery Type: Lithium ion (LiFePO4)
Lifecycles: 4,000 cycles to 80% capacity*
*Full charge/discharge at 1C, 25°C

Output Connectors
1 x 25 kW Level 3 DCFC (SAE CCS1)
1 x 120/208V 75A 5-wire camlock outlet
4 x 120V 20A GFCI receptacles (NEMA 5-20R)
1 x 120V 30A twist-lock (NEMA L5-30R)
2 x 120/208V 30A 4-wire twist-lock (NEMA L14-30R)
1 x 120/208V 50A receptacle (NEMA 14-50R)

Charging Ports
AC input
1 x 120/208 VAC 80A 5-wire camlock inlet
1 x 120/208-240 VAC 50A 4-wire twist-lock (CS6375M2)
1 x EVSE Level 2 inlet 40A (SAE J1772)
1 x 120V 15A inlet receptacle (NEMA 5-15P)

User Interface
- NeuronOS™ enabled wireless monitoring platform for real-time data, analytics and GPS
- 7” outdoor-rated LCD touch screen with state of charge, power in/out, operating and charging times
- Easy to use interface with 1-touch operating feature
- Auto-gen start capable
- Accessable input and output breakers

Carbon Offset Equivalent
Offsets 110kg of CO2e for 8hoursoperation*
*Assumes ½ loadoutputandlowCO2echargingsource

portable-electric.com