



Volta Power Systems

voltapowersystems.com

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VOLTA POWER SYSTEMS INVERTER / CHARGER



COOLING

Variable fan speed for optimum performance efficiency and minimized back ground fan noise

UNIT PROTECTION

Provides automatic electronic short circuit/overload protection, automatic over-temperature shutdown, and an AC output circuit breaker

BATTERY PROTECTION

Provides a second layer of protection of the battery system

LOCAL STATUS LED

Provides inverter/charger operation mode and troubleshooting information at a glance

SURGE

High surge rating to enable multiple large power loads simultaneously including starting surges without compromise.

RVC CAN PROTOCOLS

Display is highly adaptable to meet any customers information needs

SLEEP MODE

User configurable sleep mode with automatic wake up

INVERTER SPECIFICATIONS

Input voltage	47.2 - 58.2 VDC, 51.0 VDC
Surge voltage	Up to 60 VDC
Output voltage	120 VAC \pm 5%
Output frequency and accuracy	60 Hz \pm 0.05%
Total Harmonic Distortion (THD)	< 5%
Output Power	3200 Watts at 51Vdc
Output current	26.6 AAC
Input current	70 ADC @ 51.0VDC
Peak power	6000 Watts
Peak output	50.0 AAC
Motor starting rating	1.5 HP
Inverter efficiency	89% at 100% of rated load

Waveform	Pure Sine Wave, THD < 5%
Operating temperature	-20° C to +50° C (-4° F to 122° F)
Dimensions (l x w x h)	19.0" x 9.75" x 4.8" (48.3 cm x 24.8 cm x 12.2 cm)
Weight	38 lb. (17.2 kg)
Limited warranty	Three years

CHARGER SPECIFICATIONS

Max Charger AC Current	25.6 AAC
Max Bypass Current	30.0 AAC
Max Charge Voltage	58.2 VDC
Charger Efficiency	85% @ 40ADC, 58.0 VDC