



**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	47.3 – 58.2 VDC, 51.0 VDC
Surge voltage	Up to 60 VDC
Output voltage	120 VAC ± 3%
Output frequency and accuracy	60 Hz ± 0.05%
Total Harmonic Distortion (THD)	< 5%
Output Power	3000 Watts at 51Vdc
Output current	26.7 AAC
Input current	75 ADC @ 51.0VDC
Peak power	6400 Watts
Peak output	53.0 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	Specific to OEM

## 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