



**Volta** Power Systems

voltapowersystems.com

616-226-4222

## VOLTA POWER SYSTEMS

# INVERTER / CHARGER



### REMOTE

Optional LCD remote display

### COOLING

Thermally controlled cooling fan

### UNIT PROTECTION

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

### LOCAL STATUS LED

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

### LOW BATTERY PROTECTION

Automatically shuts down at 47.3 VDC with in-rush delay

### SURGE

High surge rating for large motor loads

### BYPASS

Built in AC bypass relay

### CHARGER DISABLE

Disabled via dry contacts

### UNIT PROTECTION

Use with Volta energy systems only

## INVERTER SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Input voltage                   | 44.3 to 60 VDC,   |
| Surge voltage                   | Up to 60 VDC      |
| Output voltage                  | 120 VAC $\pm$ 3%  |
| Output frequency and accuracy   | 60 Hz $\pm$ 0.05% |
| Total Harmonic Distortion (THD) | < 5%              |
| Output Power                    | 3600 Watts @ 30°C |
| Output current                  | 30 AAC            |
| Input current                   | Up to 91 ADC      |
| Peak power                      | 6000 Watts        |
| Peak output                     | 100 AAC           |
| Motor starting rating           | 1.5 HP            |
| Inverter efficiency             | Up to 91%         |

|                        |                                   |
|------------------------|-----------------------------------|
| Waveform               | Pure Sine Wave, THD < 5%          |
| Operating temperature  | -20° C to +65° C (0° F to 149° F) |
| Dimensions (l x w x h) | 15.3" x 17.1" x 8"                |
| Weight                 | 68lb                              |
| Limited warranty       | Three years                       |

## CHARGER SPECIFICATIONS

|                        |                |
|------------------------|----------------|
| AC input voltage range | 95 to 135 VAC  |
| Input current          | Up to 30 AAC   |
| Output current         | Up to 50 ADC   |
| Output current         | Up to 58.2 VDC |