



**Volta** Power Systems

voltapowersystems.com

616-226-4222

# VOLTA POWER SYSTEMS CONVERTER



## KEY FEATURES

- Two chassis sizes, “Large” or “Cube”
- Optional LCD remote display
- Thermally controlled cooling fan
- Provides automatic electronic short circuit/overload protection, and automatic over-temperature shutdown
- Local status LED provides converter troubleshooting information at a glance
- Low battery protection automatically shuts down the converter at 47.0 Vdc with inrush delay.
- High surge rating for large motor loads
- Rugged design for RV/Mobile environments
- Wide operating temperature range
- Provides parallel and/or redundant operation for up to three units

## SPECIFICATIONS

Converter	Z5104200-0121250	Z5107401-0122201	Z5107101-0241101
Chassis	Cube	Large	Large
Input Voltage	47.0 -58.2 Vdc, 51 Vdc Nominal	47.0 -58.2 Vdc, 51 Vdc Nominal	47.0 -58.2 Vdc, 51 Vdc Nominal
Surge Voltage	Up to 60Vdc	Up to 60Vdc	Up to 60Vdc
Input Current (max.)	43 A	80 Adc	80 Adc
Output Voltage	11.5-14.4 Vdc	11.5-14.4 Vdc	23.0-28.8 Vdc
Output Current Continuous	125 Adc	220 Adc	110 Adc
Peak Power	3000 W	5500 W	5500 W
Peak Output	250 Adc	440 Adc	220 Adc
Efficiency	Up to 90%	Up to 90%	Up to 89%
Operating Temperature	-20C to 65C (0F to 149F)	-20C to 65C (0F to 149F)	-20C to 65C (0F to 149F)
Weight (lbs.)	42	68	68
Dimensions in. (L x W x H)	13.4x14.5x5.7	15.3x17.1x8	15.3x17.1x8