



Z5104200-0121250

The Z5104200-0121250 supports 51V Lithium-Ion upgrades in a 12V infrastructure. Other combinations of voltages are also available.

The Z5104200-0121250 Features:

- Optional LCD remote display
- Thermally controlled cooling fan
- Provides automatic electronic short circuit/overload protection, and automatic over-temperature shutdown
- 51VDC input provided with a pre-attached pluggable connector with 4ft cable (other options available)
- Local status LED provides converter troubleshooting information at a glance
- Low battery protection automatically shuts down converter at 44.3 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
- Other voltage and current ratings available, contact factory for more information

CONVERTER SPECIFICATIONS		Z5104200-0121250
Input battery voltage range		44.3- 58.6 VDC, 51.5 VDC Nominal
Surge voltage		Up to 60 VDC
Maximum output voltage		14.4 VDC
Nominal output voltage		12.6 VDC
Idle current (typical)		900 mADC
Continuous output power		1800 Watts @ 25°C
Output current (nominal)		125 ADC
Input current		Up to 42 ADC
Peak power (typical)		3000 Watts
Peak output current (typical)		250 ADC
Operating temperature		-20° C to +65° C (-4° F to 149° F)
Input connector		Anderson Power SB®50 992G4 (colored blue)
Dimensions (l x w x h)		13.4" x 12.0" x 5.7" (34.0cm x 30.5cm x 14.5cm)
Weight		42 lb (19.1 kg)
Limited warranty		Three years