Ruggedized Traffic Battery Back-Up System (Caltrans Specified)

▹ ▹The UPS is fully customizable to meet the requirements for your transportation applications.

About the Unit

Ideal for traffic and signal equipment that is constantly presented with the possibility of losing power. The ruggedized UPS is a true on-line, double-conversion design with power factor correction. An extremely wide input voltage tolerance and an output voltage regulation of within +/- 2% makes the Econolite battery back-up system one of the most flexible and technologically-advanced UPS's on the market.

The 2000VA Traffic UPS is a maximum performance system suitable for a wide range of transportation applications and extreme temperature environments. Designed for extended run-times, the unit also features temperature-compensated charging to maximize battery life in harsh environments. The unit has six fully programmable dry contacts to give complete control of data and system programming. The Traffic UPS is fully customizable to meet the requirements your transportation application, making these units the most versatile battery back-up solution for traffic control and public safety.

At A Glance

- ▹ Meets Caltrans specifications
- ▹ Suitable for wide temperature range applications (-40°F to +140°F)
- ▹ Fits in all types of traffic enclosures, control panels and custom pedestals
- ▹ SNMP Card (option)
- ▹ Matching points
- ▹ Temp probe

Safetran

GENERAL	
Model Number	TRTC-2002-N1
Rated Capacity	2000VA / 1500W
Topolgy	Line Interactive
INPUT	
Phase	Single
Voltage	120VAC Nominal (230V Version available)
Voltage Range	90 to 150 programmable, Default 100-130 +/- 2VAC
Frequency	60 +/- 3 Hz
AC Frequency Range	45-65 Hz
Maximum Input Current, A	30 A (Resistive)
Overcurrent Protection	Double pole single throw circuit breaker rated 30 A for input and output DC bus 60 A breaker
OUTPUT	
Output Voltage & Regulation	120 VAC Nominal +/-% (230V version available)
Power Factor	0.75
Voltage Distortion (THD)	<3% (Linear Load)
Frequency & Regulation	60Hz +/- 0.4 Hz
Waveform	True Sinewave
Overload Capacity	110% for 3 min.
Efficiency, Line Mode/Inverter Mode	>95% (Resistive Load) / > 80% (Resistive Load)
Load Crest Factor	3:1 (Max)
PHYSICAL	
Input (AC) Connection	Anderson PowerPole Pak Connector
Output (AC) Connection	Anderson PowerPole Pak Connector
Dimensions: in/mm - W x D x H	W: 17.5/444- 19/483 w/flange (WxDxH) inch/mm D: 10.5/267 H: 5.25/133 - 3 U
Weight: lbs/kg	46.2/21
Operating Temperature Range	-37° to +74°C (See Notes 1 & 2)

Notes:

1. Between 55° and 74° C, the unit is de-rated to a maximum rectified-capacitive load of 1500VA/1200W
2. De-rate operating temperature above 4900 ft (1500m) by 2° per additional 1000 ft (300m)

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