

WE GO THE DISTANCE FOR YOU



# Ruggedized Traffic UPS

## 2000VA / 1500W

### Caltrans Approved BBS

## PRODUCT INFO

Traffic control and signal equipment consistently experience power interruptions. The Marathon Power Ruggedized Traffic UPS series are maximum performance systems suitable for a wide range of transportation applications and extreme temperature environments. Designed for extended run-times, these units also feature temperature-compensated charging to maximize battery life in harsh environments. The units are extremely versatile and fully programmable to give complete control of system programming and data acquisition. They can also be customized to meet the requirements of your transportation application, making our units the most versatile battery back-up solution for traffic control and public safety.

Our largest model in the series is a 2000VA / 1500 watt model with a 48VDC bus that is designed for today's modern traffic cabinets and the smaller loads that are now prevalent with the use of LED lighting for signals. The unit is contained in a rugged, low profile 3U, rack- or shelf-mount chassis and has 4-line LCD panel to display various data, parameters and settings. There is also a 12 amp internal charger to ensure that larger battery strings are recharged in an appropriate amount of time.

## FEATURES & BENEFITS

- High Power 2000VA / 1500W Line Interactive topology with Buck / Boost.
- Backlit 4-line LCD Display and LED indicators.
- 12A selectable temperature-compensated charger.
- Backs up power to traffic control and signal equipment.
- Recessed Anderson Powerpole connectors.
- Fits in all types of traffic enclosures, control panels and custom pedestals.
- Low harmonic AC sine wave output in backup mode.
- Fully programmable AC threshold voltages.
- Transient voltage protection from damaging spikes & surges.
- External connections accessible from the front panel.
- Six fully programmable dry contacts for greater control.
- Remote access via RS-232, USB & Network.
- Time / Date stamp of events and alarms - up to 100 events.
- Requires matching PTS / MBS to meet the Caltrans spec.



**EXTREME ENVIRONMENTAL CONDITIONS**



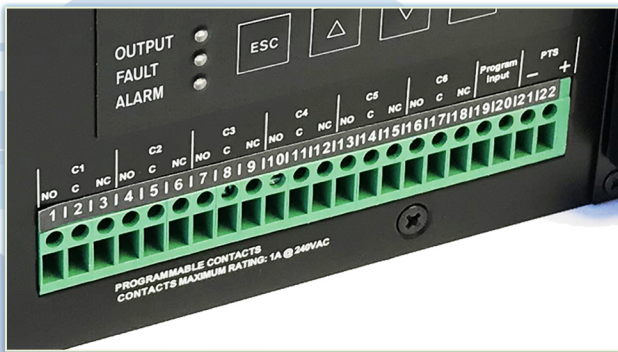
# RUGGEDIZED TRAFFIC UPS

## APPLICATIONS

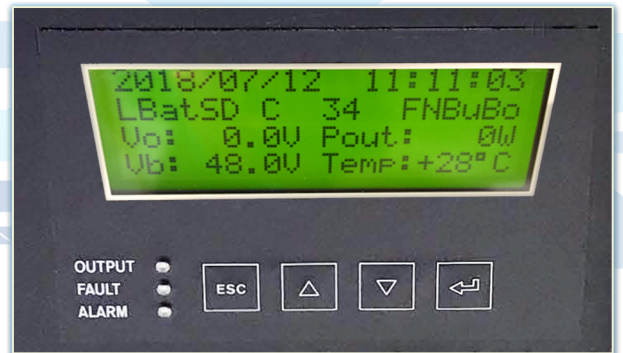
- ❑ Traffic Controls
- ❑ Signal Equipment
- ❑ Transportation Equipment

## SPECIFICATION REFERENCES

- ❑ TEES, July 2009
- ❑ TEES, Ch. 4 - BBS, July 2009
- ❑ 2009 TEES Errata 1, Jan. 2010
- ❑ 2009 TEES Errata 2, Dec. 2014



PROGRAMMABLE DRY CONTACTS



4-LINE LCD DISPLAY



RECESSED ANDERSON INPUT / OUTPUT CONNECTORS



BATTERY BREAKER AND TEST POINT

PART NUMBER TRTC-2004-N1



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