

Product Evaluation

RE: Review of EP 1100 Line-Interactive Uninterruptible Power Supply (UPS)

PRODUCT

EP 1100 Line-Interactive Uninterruptible Power Supply (UPS) is manufactured by Multilink located in Elyria Ohio and is distributed in Alberta by Innovative Traffic Solutions Inc. located in Stoney Creek, Ontario.
Website: www.gomultilink.com

VENDOR CLAIMS AND INFORMATION

CLAIMS

The EP 1100 is a Line-Interactive uninterruptible power supply (UPS) provides filtered and regulated AC output power of proper voltage to operate traffic signals, conflict monitors, camera equipment, lighting, and additional applications used in Departments of Transportation and Intelligent Traffic Systems (DOT/ITS). Built-in intelligence provides continuous operation during brownout and voltage spike with Automatic Voltage Regulation. A heavy duty battery charger and robust inverter provide backup power and recharging when line voltage is present. Status monitoring capabilities are provided through the LCD display, serial interface and optional Ethernet network card for remote monitoring.

DESCRIPTION

The EP 1100 is a Line-Interactive uninterruptible power supply (UPS) with a medium output capacity of 1100W.

POTENTIAL USAGE

Provides filtered and regulated AC output power of proper voltage to operate traffic signals, conflict monitors, camera equipment, lighting and additional applications used in Departments of Transportation and Intelligent Traffic Systems (ITS) in case of power loss.

STANDARDS

NEMA TS-2-2016 v03.07; CAN/ CSA – 22.2 No. 107.3-14 & UL 1778

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE STANDARDS

Alberta Transportation Standard Specification 2.25 Street Lighting
Alberta Transportation Highway Lighting Guide

RECOMMENDATIONS

EP 1100 Line-Interactive Uninterruptible Power Supply (UPS) be listed as a Potential Product under Alberta Transportation Products List, Electrical Equipment - Uninterruptible Power Supply – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

Rishi Adhikari

cc Innovations Evaluation Committee – Roger Skirrow,
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