



The latest Canadian uninterruptible power supply standard

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What is uninterruptible power supply system (UPS system)?

Uninterruptible Power Supply System (UPS System) means all materials and components detailed within this requirement that together provide a fully-functioning battery backup for the Traffic Signal Controller operations.

When does the ups switch over from inverter to normal operation?

The UPS shall be configured to switchover from inverter mode to normal operation when the utility line has been restored for fifteen(15) seconds. The Contractor shall be responsible for integration into the City's traffic monitoring system via SNMP.

What is the voltage regulation of the UPS control unit?

The UPS Control Unit shall provide voltage regulation at 120VAC \pm 3 % under any line,load or battery condition with a frequency regulation of 60Hz \pm 3Hz synchronized to the utility main. The UPS Control Unit shall limit total harmonic distortion (THD) to 3% or less for linear loads.

The UNINTERRUPTIBLE POWER SYSTEM may also serve to improve the quality of the power source by keeping it within specified characteristics. This Standard is applicable ...

This specification covers the requirements for a stand-alone Uninterruptible Power Supply (UPS) system that is capable of providing power and conditioning of the utility power supply to ...

This is the harmonized CSA Group and UL Standard for Uninterruptible Power Systems (UPS). It is the third edition of CSA C22.2 No. 107.3 and the fifth edition of UL 1778.

This Standard applies to UNINTERRUPTIBLE POWER SYSTEMS (UPS). The primary function of the UPS for this Standard is to ensure continuity of an alternating power source.

It is the third edition of CSA C22.2 No. 107.3 and the fifth edition of UL 1778. This Standard applies to



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Uninterruptible Power Systems (UPS). The primary function of the UPS for this ...

This equipment is designed to be installed in accordance with the Canadian Electrical Code, Part I, CSA C22.1, or the National Electrical Code, ANSI/NFPA 70, and, unless otherwise identified, ...

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In Canada, battery chargers manufactured as of June 13, 2019, are subject to the Regulations. However, UPS are not currently defined as an energy-using product in the Regulations.

All Staticon products are CSA (Canadian Standards Association) SPE-1000 inspected and approved. The CSA is the Canadian product safety authority for electrical equipment and is ...

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