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LEDTA-6 Power Supply and Adapter for LED Tubing

Description:

This document introduces the electrical, mechanical and environmental specifications of a switching power supply.

- The Maximum Input Current is 0.55A at 100Vac at full load.
- The Inrush Current will not exceed 30A at 264Vac input for a cold start at +25°C.
- The Static Loss is less than 0.75W at normal input voltage.

INPUT CHARACTERISTICS:

	Minimum	Nominal	Maximum
Input Voltage	90Vac	100-240V ac	264V ac
Input Frequency	47Hz	50Hz/60Hz	63Hz

OUTPUT CHARACTERISTICS:

Output Item	Minimum	Nominal	Maximum
V out @ 0A	11.4V dc	12.0V dc	12.6V dc
V out @ 2A	11.4V dc	12.0V dc	12.6V dc

RIPPLE AND NOISE:

The ripple and noise is less than 120mV measured by 20MHz bandwidth oscilloscope and terminated each output with a 0.1uF ceramic capacitor and a 10uF aluminum electrolytic capacitor.

TURN ON DELAY:

During turn on, output voltage shall not exceed its nominal voltage by more than 10% and all output shall reach their steady state values within 3 seconds of turn on.