UP0251E-()()P SERIES

25 Watt AC/DC Adapter

- ♦ Universal Input 90 to 264 VAC
- ♦ EMI Meets FCC/CISPR 22 Class B
- ◆ Low Power Consumption: Less Than 0.75W at 240Vac Input
- **♦ Limited Power Source**







SPECIFICATIONS

All specifications are typical at nominal line, full load and 25°C unless otherwise noted.

INPUT SPECIFICATIONS

Input Voltage Range	90-264VAC
Input Frequency	47-63 Hz
Inrush Current	30A max.(Cold Start)

GENERAL SPECIFICATIONS

Hold-up Time	10mS typ.
Leakage Current	2mA max.
Short Circuit Protection	Continuous
Overvoltage Protection	Option
Continuous Output Power	25W max.
Hi-not Isolation: Input / Output	4242VDC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range .	0°C to 50°C
Derating 40°C to 50°C	2%/°C
Temperature Coefficient	±0.02%/°C
Storage Temperature Range	40°C to +85°C
Humidity, Non-Condensing	0 to 95% RH
Cooling	Free- Air Convection
EMI Meets FCC/CISP	R 22 Class B Specification



3,27TH RD., TAICHUNG INDUSTRIAL PARK, TAICHUNG, TAIWAN, R.O.C. TEL: 886-4-23590096 FAX: 886-4-23590129

OUTPUT SPECIFICATIONS

Model Number	Output Voltage (Volts)	Output ((Am Min.		Max. Power (Watts)	Efficient (typ.)	Ripple ¹ P-P (mV)	Total Regulation ²
UP0251E-12P	12	0	2.1	25	85%	120	±4%
UP0251E-16P	16.5	0	1.52	25	85%	165	±3%
UP0251E-19P	19	0	1.32	25	85%	190	±4%

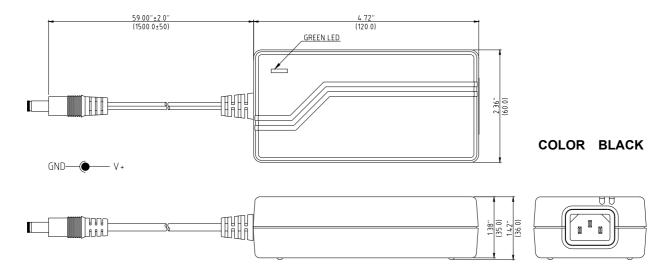
NOTES

- 1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to the output cable. Peak to peak and RMS metering equipment shall have a 20 MHz response with probes and cables maintaining frequency response from 200 Hz to 100MHz bandwidth. Output ripple and spikes are measured directly at the output terminals of the power supply without the use of the probe ground clip.
- 2. Total regulation is defined as the static output regulation at 25°C, including initial tolerance, line voltage and load current within stated limits.

PHYSICAL SPECIFICATIONS

Weight: 280g

Case Material: ABS Plastic UL94V-0 Flammability Rated



DC plug & pin assignment (CUSTOM DESIGN IS AVAILABLE)

IN 2.5/ OUT5.5 (mm) DC PLUG FEMALES (TUNING FORK)

NOTES:

- 1. All dimensions in inches (mm).
- 2. Tolerance (except cable length): .xx =±0.04 .xxx=±0.010



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