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UP0601E-() () P SERIES

55-60 Watt AC/DC Adapter

- ◆ Universal Input 90 to 264 VAC
- ◆ EMI Meets FCC/CISPR 22 Class B
- ◆ Design to Meets UL, CSA, TUV Safety Standards
- ◆ Power Consumption Less Than 0.75 Watt



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 No Component Damage

GENERAL SPECIFICATIONS

Hold-up Time 10mS typ.
 Efficiency 80% typ.
 Leakage Current 2.0mA max.
 Short Circuit Protection Continuous
 Overvoltage Protection All Models
 Overload Protection 120-200% of rated value

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/CISPR 22 Class B Specification



**UNIVERSAL
 MICROELECTRONICS**

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 Current (Amps)		Max. Power (Watts)	Efficiency (typ.)	Ripple ¹ P-P (mV)	Total Regulation ²
		Min.	Rated				
UP0601E-12P	12	0.0	4.58	55	80%	120	±4%
UP0601E-16P	16	0.0	3.44	55	80%	160	±4%
UP0601E-18P	18	0.0	3.33	60	82%	180	±4%
UP0601E-19P	19	0.0	3.16	60	82%	190	±4%
UP0601E-24P	24	0.0	2.5	60	82%	240	±4%

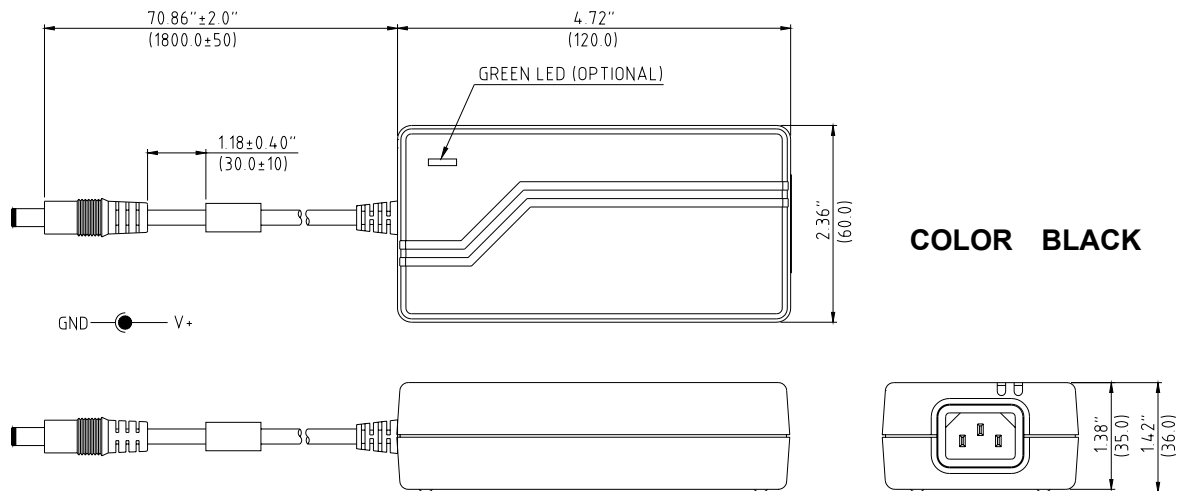
NOTES

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 : 370g.

Case Material : ABS Plastic UL94V-0 Flammability Rated.



DC plug & pin assignment (CUSTOM DESIGN IS AVAILABLE)

IN 2.5/OUT5.5 DC PLUG FEMALE

NOTES:

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



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