

UP0361K-()()PA(PC/PE/PK/PT) SERIES

36 Watt AC/DC Wall Mount Adapter

- ◆ Universal Input 90 to 264 VAC
- ◆ EMI Meets FCC/CISPR 22 Class B
- ◆ RoHS Compliant
- ◆ No Load Input Power Consumption Less than 0.075 Watt at 115VAC & 230 VAC Input
- ◆ Meet DoE efficiency Level VI & COC V5 Tier 2
- ◆ Meet Department of Energy 10 CFR Part 430
- ◆ Meet ERP Directive 2009/125/EC

Green Product

RoHS

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 150A max.(Cold Start)

GENERAL SPECIFICATIONS

Hold-up Time 6mS typ.
Leakage Current 0.25mA max.
Short Circuit Protection Continuous
Continuous Output Power 36W max.
Hi-pot Isolation: Input / Output 4242 VDC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range 0°C to 50°C
Derating 40°C to 50°C 2%/°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.
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OUTPUT SPECIFICATIONS

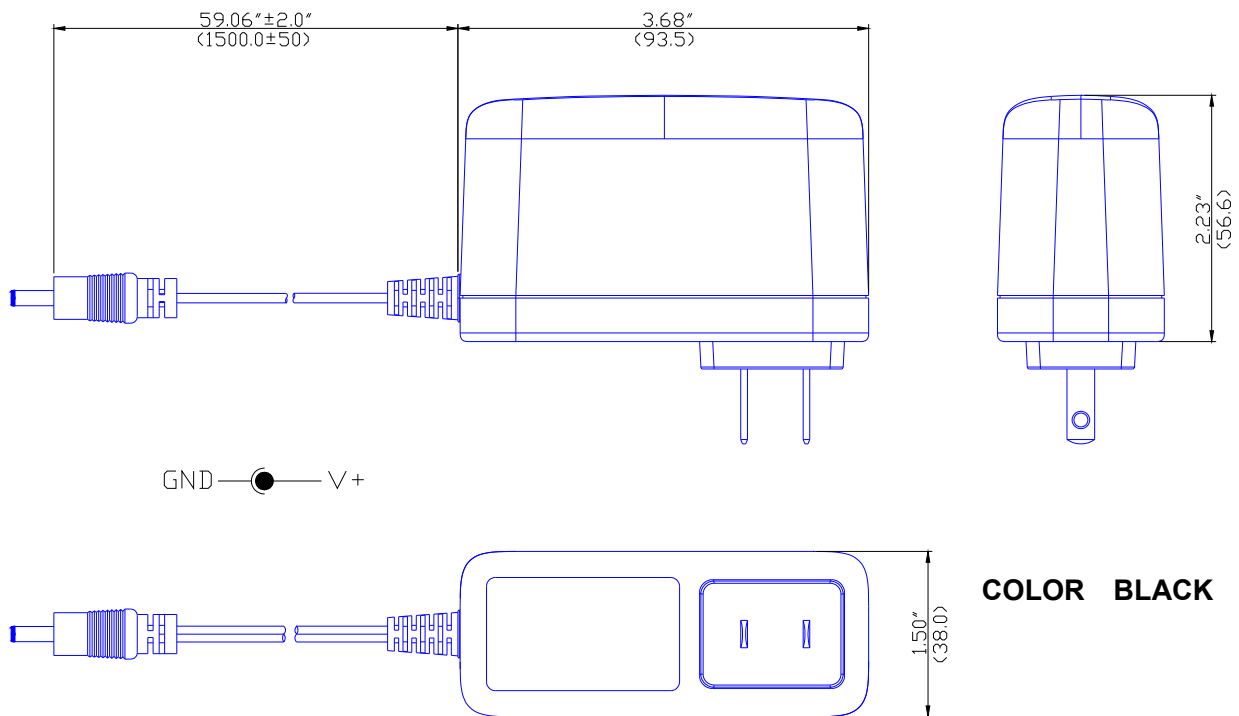
Model Number	Output Voltage (Volts)	Output Current (Amps)		Max. Power (watt)	Average Efficiency Limit (min.)	10%Load Efficiency Limit (min.)	Ripple ³ P-P (mV)	Total Regulation ⁴
		Min.	Rated					
UP0361K-12PA(PC/PE/PK/PT)	12	0	3.0	36	88.303 %	78.303 %	200	±5 %

NOTES:

- The minimum average efficiency required by Energy star EPS 2.0 level V & ERP Directive 2009/125/EC stage II in active mode.
Testing procedure: (heat steady product)
Set the output at 25%, 50%, 75% and 100% of full rated load and nominal input voltage (115Vdc/230Vac) condition. The minimum four point average efficiency in active mode, express in percent is average efficiency.
- Add a 0.1uF ceramic capacitor and a 47uF 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.
- 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

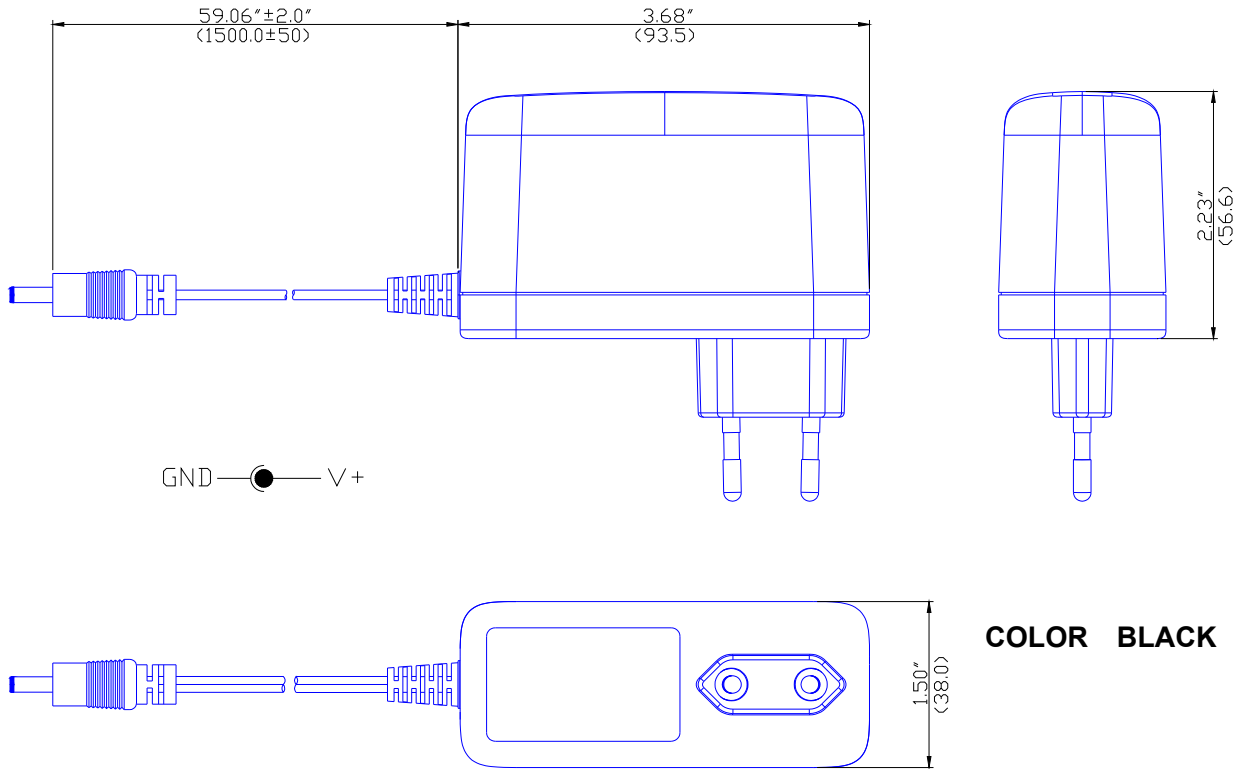
UP0361K-XXPA



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UP0361K-XXPE



DC plug & pin assignment (CUSTOM DESIGN IS AVAILABLE) IN 2.5(±0.2)/ OUT 5.5(±0.2)/ LENGTH 9.5(±0.5) (mm) DC PLUG

NOTES:

1. All dimensions in inches (mm).
2. Tolerance (except cable length): .xx =±0.04"
.xxx=±0.02"
3. Cable: UL2468, 18 AWG.



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