

- **ACCOMMODATE UNIVERSAL ACCESS SOURCES**
- **DESIGNED TO MEETS UNIVERSAL SAFETY STANDARDS**
- **EMI MEETS CISPR PUB.22 / FCC CLASS B**
- **CE MARKING COMPLIANCE**

INPUT SPECIFICATION

Input Voltage: Typ.90-264Vac
Input Connector: Molex V-M
Input Frequency: 47-63Hz
Inrush Current: 25A @230Vac
Input Current: 0.47A @115Vac./ 0.21A @230Vac
Dielectric Withstand: Meets IEC950
3,000Vac-Output/Input
1,500Vac-Input/GND
500Vac-Output/GND
EMI: Meet CISPR PUB.22 / FCC Class B
Hold-up Time: 15mS @115Vac./ 60mS @230Vac
Earth Leakage: Less than 0.53mA @230Vac

Output Voltage: See Ratings Chart
Output Current: See Ratings Chart
Line Regulation: $\pm 0.1\%$ typ
Load Regulation: $\pm 1.0\%$ typ
Noise & Ripple: Typ. 1.0% peak to peak
OVP: 128% $\pm 8\%$ on main output
Adjustability: Not adjustable
Max. cont. output power: 40 Watts
Overload Protection: 115% of max power

Efficiency: Typ.73%
Switching Frequency: 55KHz
Circuit Topology: Fixed Frequency Flyback Circuit
Transient Response: Output voltage returns in less than 3mS following a 50% load change
Power Density: 4.84Watts / Cubic Inch

Safety Standard: IEC950/ UL1950 Class I
Operating Temperature: 0-50°C
Storage Temperature: -20°C to +85°C
Temperature Coefficient: 0.04%/°C
Cooling: Free air convection
Construction: PCB open frame format



OUTPUT VOLTAGE/CURRENT RATINGS CHART

SINGLE OUTPUT

MODEL NO	MAIN O/P VO1★		
	Typ.	Volt.	Peak
APS42VI-10A	6.0A	5V	6.5A
APS42VI-10B	7.0A	5V	7.5A
APS42VI-10C	8.0A	5V	8.5A

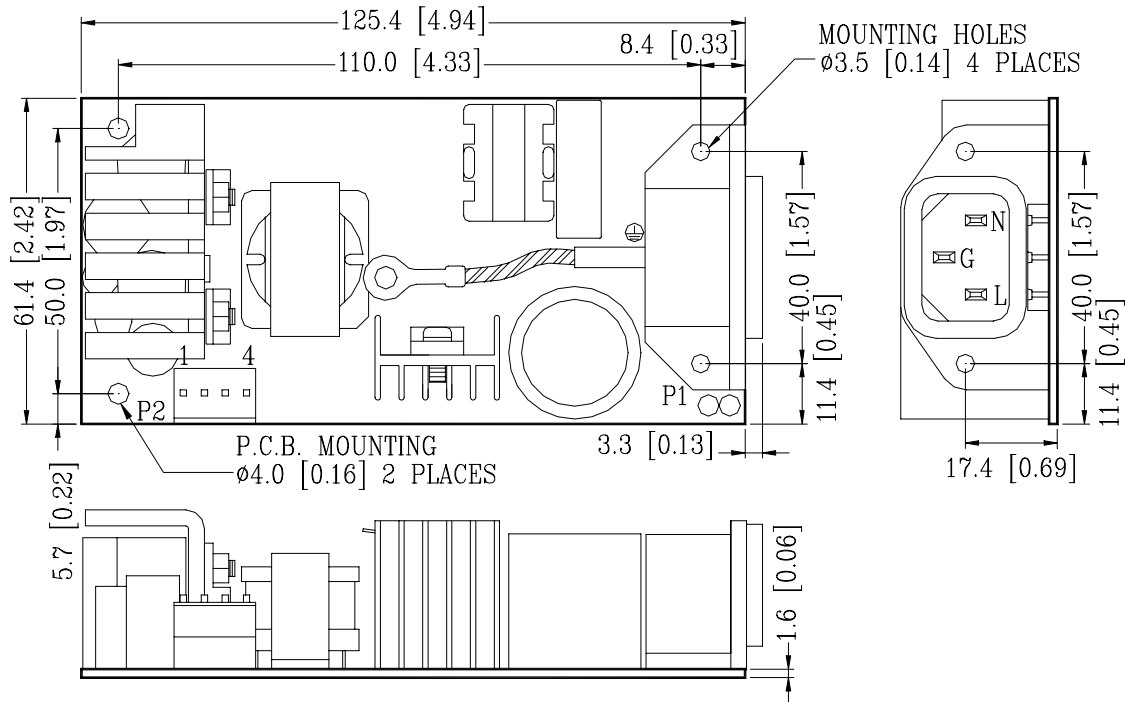
Symbol: "★" OVP built-in.

Remark: (1) At least 20% of typical main output current is required to maintain stated regulation.

(2) Peak output, less than 60 Sec. with duty cycle < 5%. Peak current can't be drawn from all output at the same time.

MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: 185.0g (6.53 Oz.)



INPUT & OUTPUT CONNECTORS PIN ASSIGNMENT

ASSIGNMENT CNTR & PIN #	AC INPUT			SINGLE OUTPUT	
	AC-LINE	AC-NEUTRAL	AC-GROUND	VO1	DC COM
	P1-L.	P1-N.	P1-G.	P2-1,2.	P2-3,4.