



Size: 4.94 x 2.42 x 1.17"

Input

Input Voltage 90-264 VAC
 Input Frequency 47-63Hz
 Inrush Current 25A Max @ 230 VAC Cold Start
 Input Current 0.47A @ 115 VAC / 0.21A @ 230 VAC Typical
 Hold-Up Time 10ms @ 115 VAC / 40ms @ 230 VAC Full Load
 Leakage Current <700 μ A @ 230 VAC

Output

Minimum Load n/a
 Line Regulation \pm 0.1% typ.
 Load Regulation \pm 1% typ
 Ripple & Noise \pm 1% typ. pk-pk @ 20MHz
 Overload Protection 115-150% of max power
 OverVoltage Protection 128% (\pm 8%)
 Adjustment Fixed
 Transient Response voltage returns < 3mS following a 50% load change

Features:

- * Universal AC Input (90-264 VAC)
- * Low Profile
- * Attached IEC-320 Input Receptacle
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

General

Efficiency 75% Typ.
 Switching Frequency 55KHz Approximate
 Operating Temperature 0 to 40°C full load, derate 5% per °C to 50°C max.
 Storage Temperature -20°C to +85°C
 Cooling Free Air Convection
 Temp Co-Efficient 0.04% per °C
 Topology Free Running Flyback

EMC & Safety

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL 1950
 IEC950
 CE Mark (LVD)

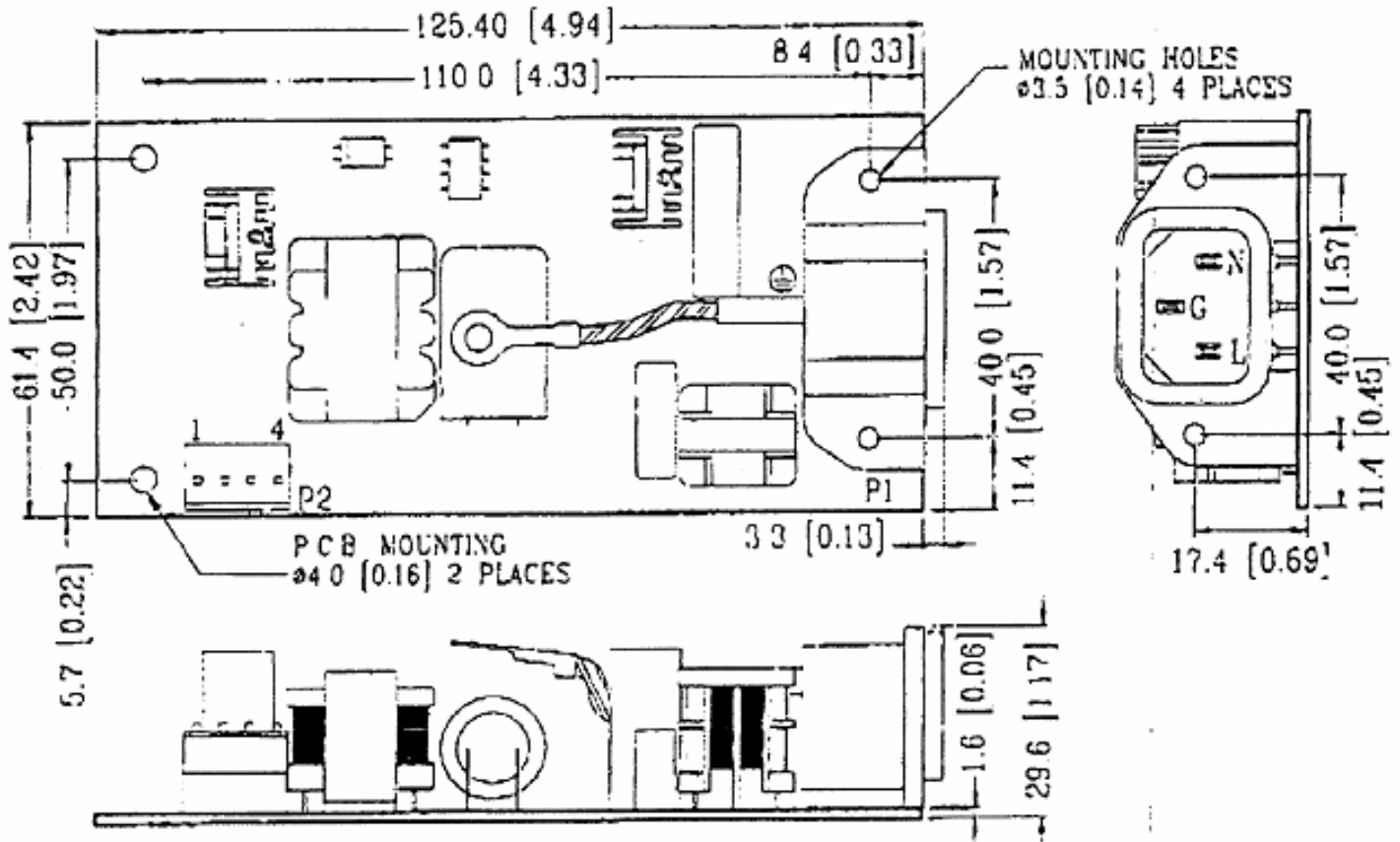


Model Number

Output

APS20VI-10A	5V @ 2.0A
APS20VI-10B	5V @ 3.0A
APS20VI-10C	5V @ 4.0A
APS20VI-10D	5V @ 5.0A

Mechanical Details



Notes

WEIGHT: PCB Version = 18g (6.35Oz)

INPUT & OUTPUT CONNECTORS PIN ASSIGNMENT:

INPUT: AC LINE = P1-L / AC NEUTRAL = P1-N / P1-G
 OUTPUT: COMMON = P2-1,2 / V1 = P2-3,4 / RETURN