

Size: 7.00 x 2.00 x 1.18"

Input

Input Voltage	85-264 VAC
Input Frequency	47-63Hz (consult factory for 440Hz)
Inrush Current	50A Max @ 264 VAC Cold Start
Input Current	1.2A @ 115 VAC / 0.6A @ 230 VAC Typical
Hold-Up Time	10ms @ 115 VAC / 50ms @ 230 VAC Full Load
Leakage Current	<250 μ A @ 230 VAC

Output

Minimum Load	10% of V1 for Dual Output Models only
Line Regulation	$\pm 0.2\%$ typ.
Load Regulation	V1 = $\pm 1\%$ typ, V2 = $\pm 2-3\%$ typ
Ripple & Noise	$\pm 1\%$ typ. pk-pk @ 20MHz
Overload Protection	125-150% of max power
OverVoltage Protection	6.2V (± 400 mv)
Adjustment	Fixed
Transient Response	voltage returns < 3mS following a 50% load change

Features:

- * Universal AC Input (85-264 VAC)
- * Ideal for Computer Accessories (Disk Drives)
- * LED & Fan Output Connections
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

General

Efficiency	70% Typ.
Switching Frequency	Fixed Frequency 38KHz
Operating Temperature	0 to 50°C full load, derate 2.5% per °C to 70°C max.
Storage Temperature	-20°C to +85°C
Cooling	20CFM required for full load operation
Temp Co-Efficient	0.04% per °C
Topology	Fixed Frequency Flyback

EMC & Safety

Emissions EN55022 "B", FCC Class B

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

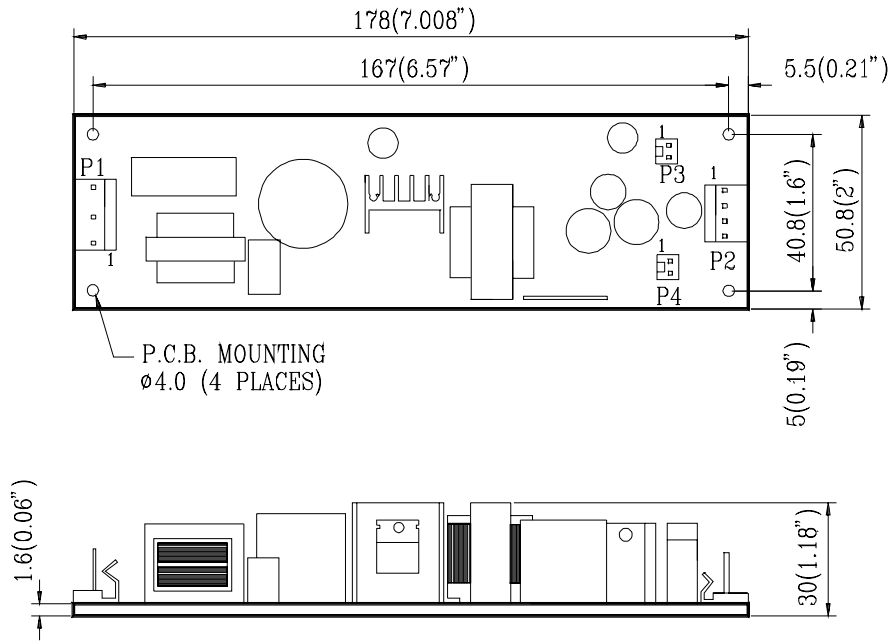


Model Number

Outputs

APS38VI-10	5V @ 9.0A
APS38VI-11	12V @ 4.5A
APS38VI-12	15v @ 2.6A
APS38VI-13	24V @ 1.6A
APS38VI-19	3.3V @ 10A
APS38VI-21 or (PVI-40-21TA)	+5V @ 3.0A / +12V @ 2A (4A PK)
APS38VI-22	+5V @ 3.0A / +15V @ 1.6A (3A PK)
APS38VI-23	+5V @ 3.0A / 24V @ 1.0A (2A PK)

Mechanical Details



Notes

WEIGHT: PCB Version = 208.5g (7.35Oz)

INPUT & OUTPUT CONNECTORS PIN ASSIGNMENT:

INPUT: AC LINE = P1-L / AC NEUTRAL = P1-N / P1-G
 SINGLE OUTPUT ASSIGNMENTS: P2-1,4 = V1 / P2-2,3 = COMMON
 DUAL OUTPUT ASSIGNMENTS: P2-1 = V2 / P2-2,3 = COMMON / P2-4 = V1
 FAN ASSIGNMENT: P3-1 = -12VDC / P3-2 = +12VDC
 LED ASSIGNMENT: P4-1 = -5VDC / P4-2 = +5VDC

P1 & P2 = Molex 5196 or equivalent
 P3 & P4 = Molex 5051 or equivalent