



Size: 4.92 x 2.43 x 1.26"

Features:

- * Universal AC Input (85-264 VAC)
- * Worldwide Medical Safety Approvals
- * Optional Power Fail Signal
- * EN55011 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage 90-264 VAC
 Input Frequency 47-63Hz (optional 440Hz)
 Inrush Current 20A Max @ 230 VAC Cold Start
 Input Current 1.6A @ 115 VAC / 0.53 @ 230 VAC Typical
 Hold-Up Time 30ms @ 115 VAC
 Leakage Current <100 μ A @ 230 VAC
 Harmonic Correction Per EN61000-3-2

General

Efficiency 73%Typ.
 Switching Frequency 85KHz
 Operating Temperature 0 to 40°C full load, derate 5% per °C to 50°C max.
 Storage Temperature -20°C to +85°C
 Cooling Convection
 Temp Co-Efficient 0.04% per °C
 Topology Fixed Frequency Forward

Output

Minimum Load None
 Line Regulation V1,3,4 = \pm 0.1% / V2 = \pm 0.5%
 Load Regulation V1 = \pm 1% / V2 = \pm 5% / V3 = \pm 1.5%
 Ripple & Noise \pm 1% typ. pk-pk @ 20MHz
 Overload Protection 130 % max. (auto recovery)
 OverVoltage Protection V1 Only @ 132% max (Latch)
 Adjustment -10 / +30%
 Transient Response voltage returns < 3mS following a 50% load change

EMC & Safety

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950
 EN60950
 CE Mark (LVD)



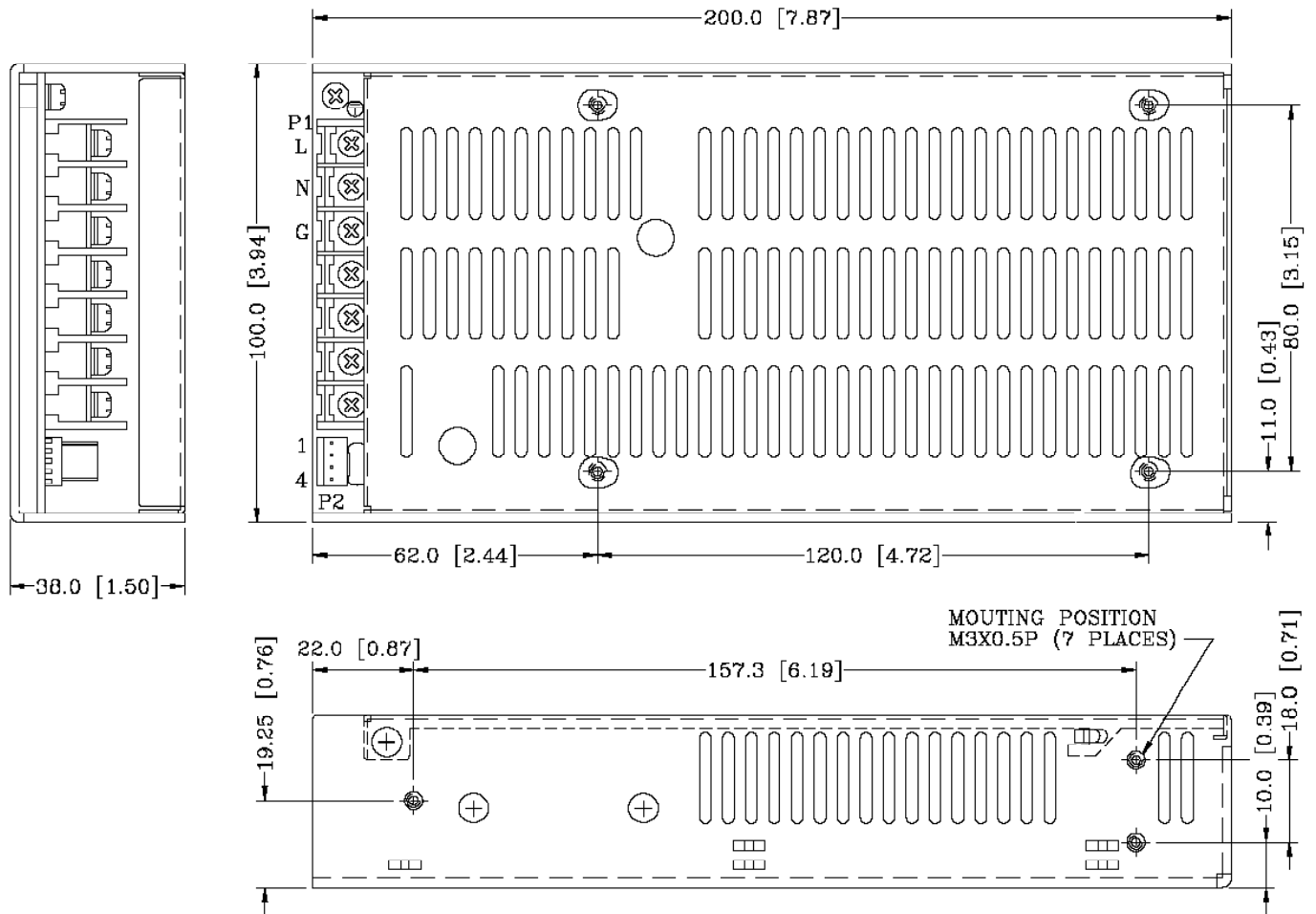
Model Number

Output

APS100VP-10	5.0Vdc @ 20.0A		
APS100VP-11	12.0Vdc @ 8.5A		
APS100VP-12	15.0Vdc @ 7.0A		
APS100VP-13	24.0Vdc @ 4.5A		
APS100VP-14	28.0Vdc @ 4.6A		
APS100VP-15	36.0Vdc @ 3.4A		
APS100VP-30	+5VDC @ 12A	+12VDC @ 3.0A	12VDC 0.8A
APS100VP-31	+5VDC @ 12A	+12VDC @ 3.0A	5VDC @ 0.8A
APS100VP-32	+5VDC @ 12A	+24VDC @ 1.5A	12VDC @ 0.8A
APS100VP-33	+5VDC @ 12A	+15VDC @ 3.0A	15VDC @ 0.3A

Supply comes standard in the L Bracket Package. Add the suffix "-CV" for cover option.

Mechanical Details



Notes

WEIGHT: 706g (20.0 Oz)

Need Pin Assignments