



10.00 x 5.07 x 2.50"

### Features:

- \* Universal AC Input (90-264 VAC)
- \* No Minimum Load Requirement
- \* Hot-Swappable / N+1 Redundant
- \* Fan Fail, Remote Inhibit, Remote Sense & Power Fail Signals
- \* 10.0 x 5.07 x 2.50"
- \* Worldwide Safety Approvals
- \* EN55022 & FCC Class B Emissions
- \* CE Mark

### Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz (Optional 440Hz)
Inrush Current	25A Max @ 230 VAC Cold Start
Input Current	3.4A @ 115 VAC / 1.7A @ 230 VAC Typical
Hold-Up Time	38ms minimum Full Load
Leakage Current	<850 $\mu$ A @ 230 VAC
Power Factor	>0.98 typical

### General

Efficiency	75-78% typical
Switching Frequency	Fixed (60KHz)
Topology	PWM Fixed Frequency Forward Circuit
Operating Temperature	0 to 50°C full load, derate 2.5% per °C to 70°C max.
Storage Temperature	-25°C to +85°C
Cooling	Internal Cooling Fan

### Output

Minimum Load	n/a
Line Regulation	$\pm$ 0.1% typ.
Load Regulation	$\pm$ 1.0% typical
Ripple & Noise	$\pm$ 1% typ. pk-pk @ 20MHz
Overload Protection	Protected against short circuit
OverVoltage Protection	V1 Only Latching at >130% of nominal
Adjustment	$\pm$ 10% minimum (V1 & V2 Only)
Transient Response	voltage returns < 3mS following a 25% load change

### EMC & Safety

Emissions EN55022 "B", FCC Part 15 Subject J Class B

Safety Approvals UL/cUL 60950  
EN60950  
CE Mark (LVD)



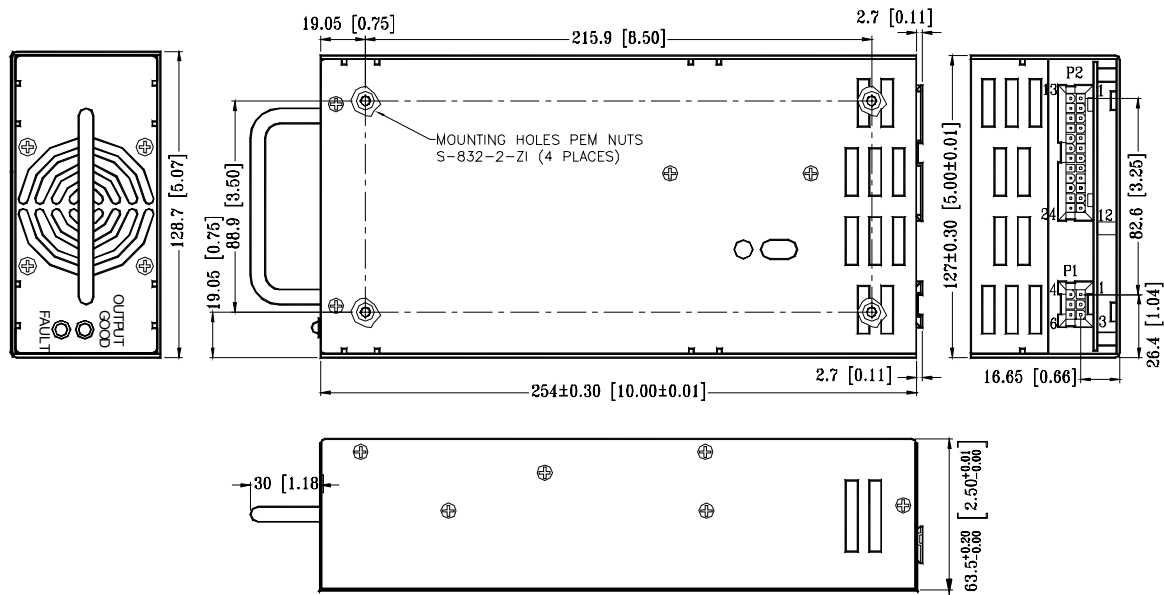
### Model Number

APS348VPT-050DI  
APS348VPT-033EI  
APS348VPT-050II  
APS348VPT-033II  
APS348VPT-050MI  
APS348VPT-240IE

### Outputs

+5.0V @ 40.0A	+12.0V @ 5.0A	-5.0V @ 5.0A
+5.0V @ 40.0A	+12.0V @ 5.0A	-12.0V @ 5.0A
+5.0V @ 40.0A	+15.0V @ 5.0A	-15.0V @ 5.0A
+5.0V @ 40.0A	+3.3V @ 5.0A	-5.0V @ 5.0A
+3.3V @ 40.0A	+5.0V @ 5.0A	-5.0V @ 5.0A
+3.3V @ 40.0A	+15.0V @ 5.0A	-15.0V @ 5.0A
+3.3V @ 40.0A	+12.0V @ 5.0A	-12.0V @ 5.0A

### Mechanical Details



### Notes

WEIGHT: 1,200g (42.3 Oz)

#### PIN ASSIGNMENTS (P1):

**Input:** AC-L = P1-1 | AC-N = P1-5 | AC-G = P1-5

**Outputs:** V1 = P2-1,13,14 | V2 = P2-7,19,20 | V3 = P2-8,9,21 | COMM = P2-2,3,4,5,15,16,17,18

**Signals:** V1 SHARE = P2-22 | V2 SHARE = P2-10 | V3 SHARE = P2-23 | FAN FAIL = P2-11 | INHIBIT = P2-24 | PG = P2-24 | PWR DISABLE = P2-6

Mating connector: Molex Mini-Fit 42385-06A1 & Molex Mini-Fit 42358-24A1.