



10.51 x 4.99 x 2.05"

Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz
Inrush Current	16A Max @ 230 VAC Cold Start
Input Current	4A @ 115 VAC / 2A @ 230 VAC Typical
Hold-Up Time	20ms minimum Full Load
Leakage Current	<650 μ A @ 230 VAC
Power Factor	>Per EN61000-3-2 Limits

Output

Minimum Load	n/a
Line Regulation	\pm 0.1% typ.
Load Regulation	V1 = \pm 1.0%, V2 & 3 = \pm 2%, V4 = \pm 5%
Ripple & Noise	\pm 1% typ. pk-pk @ 20MHz
Overload Protection	Protected against short circuit
OverVoltage Protection	V1/V2/V3 Only Latching at >124% of nominal
Adjustment	\pm 10% minimum (V1 & V2 & V3 Only)
Transient Response	voltage returns < 3mS following a 25% load change

Model Number

APS351VP-Q033BEI
 APS351VP-Q050DBI
 APS351VP-Q050DII
 APS351VP-Q050DMI

Outputs

+3.3V @ 35A +1.8V @ 40A +5V @ 16A +12V @ 2A
 +5V @ 35A +3.3V @ 30A +1.8V @ 16A +12V @ 2A
 +5V @ 35A +3.3V @ 30A +12V @ 6A +12V @ 2A
 +5V @ 35A +3.3V @ 30A +24V @ 3A +12V @ 2A

Features:

- * Universal AC Input (90-264 VAC)
- * No Minimum Load Requirement
- * Hot-Swappable / N+1 Redundant with Active Current Share
- * Fan Fail, Remote Inhibit, Remote Sense & Power Fail Signals
- * 10.51 x 4.99 x 2.05"
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

General

Efficiency	65-70% typical
Switching Frequency	Fixed (80KHz)
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	30 cfm airflow required

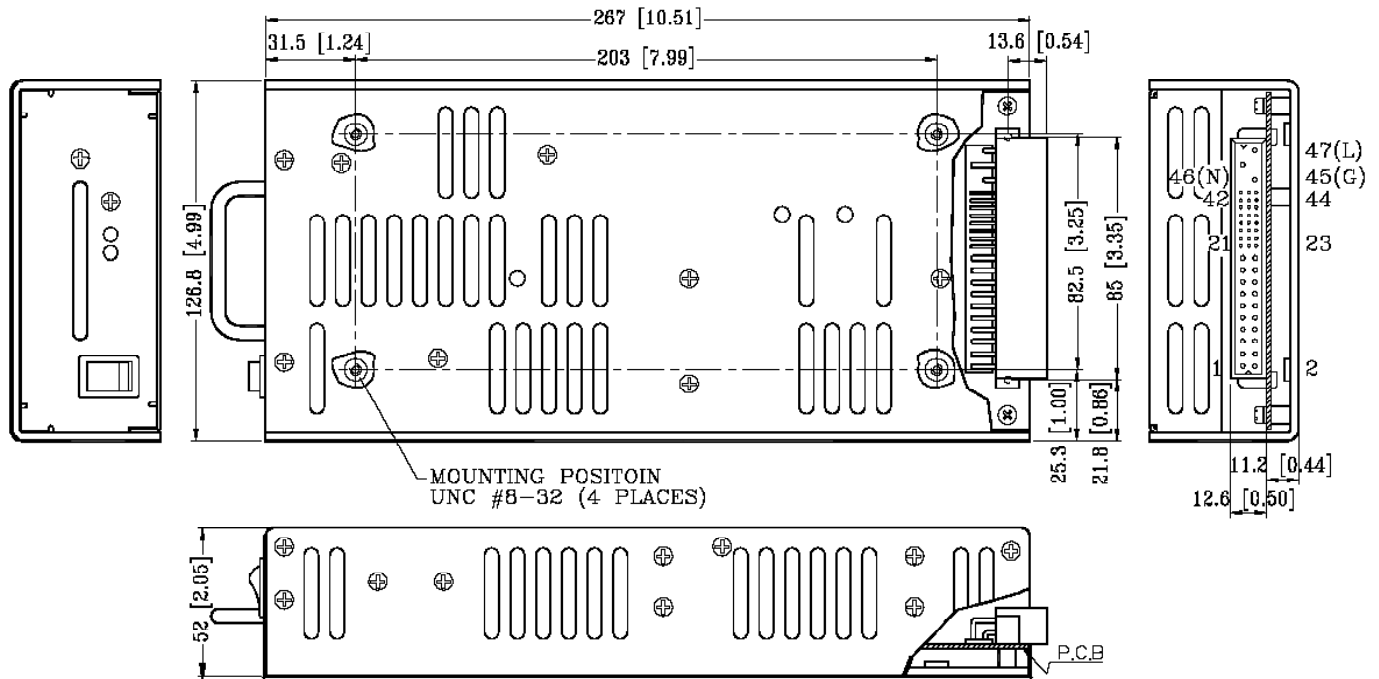
EMC & Safety

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

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



Mechanical Details



Notes

WEIGHT: 2.1kg (4.4lbs)

PIN ASSIGNMENTS:

AC INPUT: 47 = AC-L | 46 = AC-N | 45 = AC-G

OUTPUTS: V1 = 3,4,5,6 | V2 = 17,18,19,20 | V3 = 1,2 | V4 = 8 | COMM = 7,9,10,11,12,13,14,15,16

SIGNALS: V1 SHARE = 27 | -V1S = 33 | +V1S = 30 | V2 SHARE = 34 | -V2S = 34 | +V2S = 28 | V3 SHARE = 21 | -V3S = 25 | +V3S = 22

PG = 23 | PF = 31 | SIGNALS COMM = 26, 29,32,35,36,37,38

CONNECTOR = PCIH47F00A1