



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 $\mu$ 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

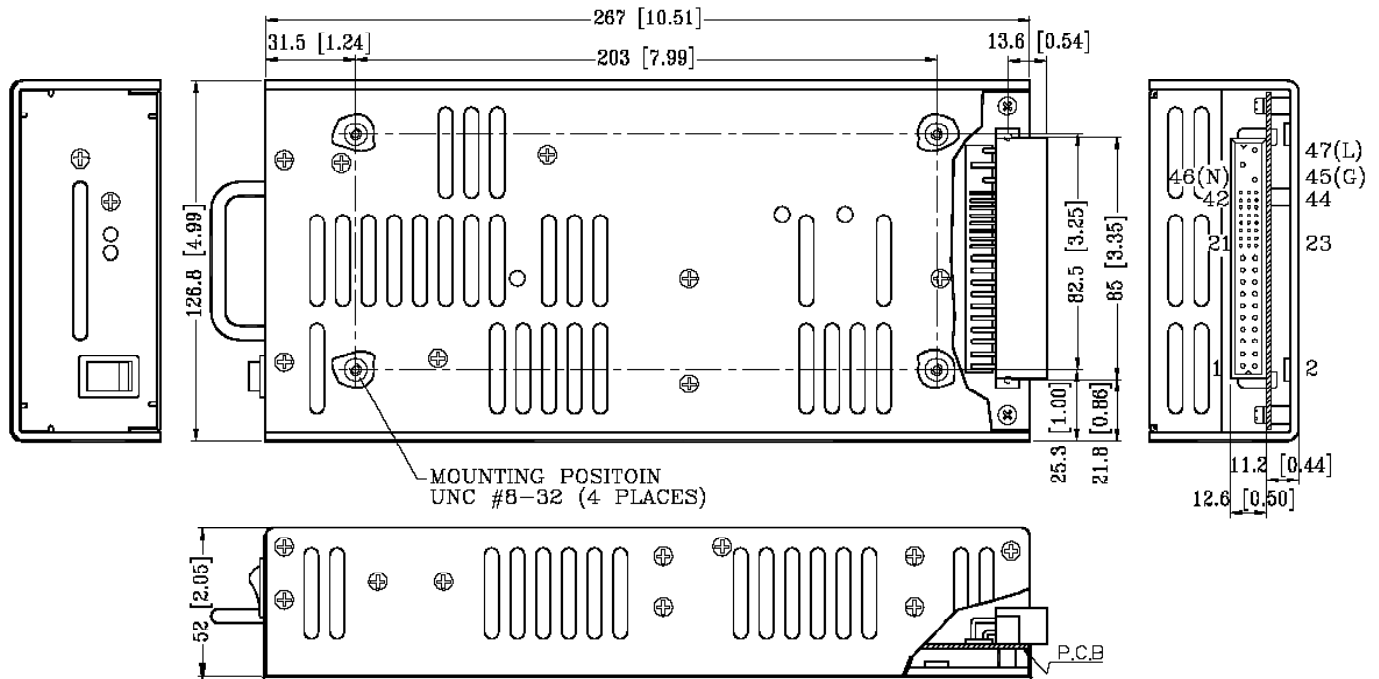
### EMC & Safety

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