



Size: 8.00 x 4.20 x 1.50"

### Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz
Inrush Current	29A Max @ 230 VAC Cold Start
Input Current	2.4.0A @ 115 VAC / 1.2 @ 230 VAC Typical
Hold-Up Time	15ms @ 115 VAC
Leakage Current	<750 $\mu$ A @ 230 VAC
Power Factor	EN61000-3-2 Class A Compliant

### Output

Minimum Load	20% of V1 only
Line Regulation	$\pm 0.1\%$ / typ.
Load Regulation	V1 & V2 = $\pm 0.5\%$ / V3, V4 = $\pm 1\%$ max
Ripple & Noise	$\pm 1\%$ typ. pk-pk @ 20MHz
Overload Protection	110-135% of max power
OverVoltage Protection	Latching at >130% of V1 & V2 nominal
Adjustment	V1 only
Transient Response	voltage returns < 3mS following a 50% load change
Remote Sense	V1 & V2 ONLY, compensates <250mv
Active Current Share	$\pm 10\%$ accuracy

### Features:

- \* Universal AC Input (90-264 VAC)
- \* Tight Output Regulation
- \* Active Current Sharing (V1 & V2)
- \* Floating V3 & V4 Outputs
- \* Small Size - only 8.00 x 4.20 x 1.50"
- \* Remote Sense, Inhibit, AC & DC OK Functions
- \* EN61000-3-2 / IEC100-3-2 Compliant
- \* Worldwide Safety Approvals
- \* EN55022 & FCC Class B Emissions
- \* CE Mark

### General

Efficiency	77-80% minimum
Operating Temperature	0 to 50°C full load, derate 2.5% per °C to 70°C max.
Storage Temperature	-55°C to +85°C
Cooling	30 cfm airflow
Temp Co-Efficient	0.02% per °C
Switching Frequency	115KHz
Topology	PWM Fixed Frequency Forward Circuit

### EMC & Safety

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

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



### Model Number

### Outputs

APS210VPQ-033BII	+3.3V @ 22.0A   +1.8V @ 22.0A   12.0V @ 4.0A   12.0V @ 4.0A
APS210VPQ-050BII	+5.0V @ 22.0A   +1.8V @ 15.0A   12.0V @ 3.0A   12.0V @ 3.0A
APS210VPQ-033CII	+3.3V @ 22.0A   +2.5V @ 20.0A   12.0V @ 4.0A   12.0V @ 4.0A
APS210VPQ-050CII	+5.0V @ 20.0A   +2.5V @ 15.0A   12.0V @ 3.0A   12.0V @ 3.0A
APS210VPQ-033EII	+3.3V @ 20.0A   +5.0V @ 15.0A   12.0V @ 3.0A   12.0V @ 3.0A

