



10.51 x 4.99 x 2.05"

Features:

- * Universal AC Input (90-264 VAC)
- * 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

Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz
Inrush Current	<24A Max @ 230 VAC Cold Start
Input Current	7A @ 115 VAC / 3.5A @ 230 VAC Typical
Hold-Up Time	>28ms @ 115VAC & 230VAC
Leakage Current	<780 μ A @ 230 VAC
Power Factor	0.97 - 0.98

General

Efficiency	65-70% 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	35 cfm airflow required

Output

Minimum Load	n/a
Line Regulation	\pm 0.1% typ.
Load Regulation	V1 = \pm 2.0%, V2 = \pm 2%, V3 = \pm 2.5%
Ripple & Noise	\pm 1% typ. pk-pk @ 20MHz
Overload Protection	Protected against short circuit
OverVoltage Protection	All Outputs Latching at >124% of nominal
Adjustment	\pm 10% minimum (V1 & V2 Only)
Transient Response	voltage returns < 0.3mS 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

APS500VPT-033EI
APS500VPT-033EK
APS500VPT-033EM
APS500VPT-050DI
APS500VPT-050DK
APS500VPT-050DM

Outputs

+3.3V @ 100.0A	+5.0V @ 25.0A	+12.0V @ 4.0A
+3.3V @ 100.0A	+5.0V @ 25.0A	+15.0V @ 3.2A
+3.3V @ 100.0A	+5.0V @ 25.0A	+24.0V @ 2.0A
+5.0V @ 75.0A	+3.3V @ 25.0A	+12.0V @ 4.0A
+5.0V @ 75.0A	+3.3V @ 25.0A	+15.0V @ 3.2A
+5.0V @ 75.0A	+3.3V @ 25.0A	+24.0V @ 2.0A

