



500 W

**POWER-FACTOR CORRECTED,
MULTI OUTPUT POWER SUPPLY**

**Feb. 6, 1998
REV 1**

PS2248 POWER SUPPLY FEATURES

INPUT POWER:	88 - 270 Vac, 47 - 63 Hz, Single Phase, 9A max (with Active Power Factor correction)
INRUSH CURRENT:	Limited by passive inrush current protection to less than 70A peak @ 115Vac, <126A peak @ 230 Vac
INPUT CONNECTOR:	3 pin female, AMP P/N 350789-1
OUTPUT CONNECTOR:	12 pin female, AMP P/N 1-644381-2, (MTA-156 type)
OUTPUT POWER:	536 W (5 V @ 8A, 48 V @ 8.3A, 8.5 V @ 11.5A) (“rated load” is 536 W constant current mode)
NOMINAL SIZE:	13.88”L x 6.64”W x 2.10”H
WEIGHT:	4.12 lbs.
OPERATING AMBIENT:	0-50 degrees Celsius
COOLING:	Customer Air
I/O SIGNALS:	TTL Level - standby mode control input and AC power fail warning output
CONSTRUCTION:	PCB construction - no chassis
PROTECTIONS:	AC Input undervoltage protection. Self-restarting type overvoltage protection on high voltage dc bus. Primary power limiting. Primary and secondary overtemperature protection. Output over-voltage protection. Output over current protection.
POWER CIRCUITS:	70 kHz power factor correcting boost primary supply (shut down during standby). Two separate output converters; 5 V 130 kHz logic and bias supply (always on), 48 V & 8.5 V 110 kHz supply (shut down during standby)