



Specification Data Sheet Power Supply Model # PA-1249 *Low Common Mode Noise Model*

AC INPUT:	Universal input 90-264 VAC (50/60 Hz) power factor corrected to IEC555-2 (THD < 10%), Power Factor=0.995.
CONDUCTED EMI:	EN 55022 CLASS A, CE LVD compliant (-6dB)
EFFICIENCY:	77% min. at 110VAC
INRUSH CURRENT:	30A max. (230 VAC)
UNDER VOLTAGE LOCKOUT:	80VAC typ.
HOLD UP TIME:	18mSec typ. (110VAC) 22mSec typ. (220VAC)
COOLING:	Two internal built-in fans (40 CFM total)
SAFETY:	EN 60950-1:2001+ALL compliant, UL, TUV, cUL
DC OUTPUTS	24V @ 9.2A 24V @ 5A 12V @ 10A
OVERCURRENT PROTECTION:	105-125% of full load. Shut down and automatic restart. Continuous short with no damage.
OVERVOLTAGE PROTECTION:	120% of nominal output voltage. Latching. Recovery by resetting input AC power.
OVER TEMP. PROTECTION:	80°C at heat sink. Latching. Recovery by resetting input AC power.
DIFFERENTIAL NOISE:	20mVp-p max, (0 - 100% load) (peak-to-peak, 20 MHz BWL)
TRANSIENT RESPONSE:	3% or 150mV (whichever is greater) deviation of output voltage (dI/dt=0.12A/uSec) 250µSec recovery to 1% or 50mV (whichever is greater) (±25% step from 75% of rated output current)
REGULATION:	Line 0.2% max., Load 0.2% max.(no load to full load), Thermal 0.02% / °C max.
REMOTE SENSE:	available per request
TURN ON/OFF TRANSIENT:	None
GLOBAL OUTPUT INHIBIT:	Inhibit on TTL low, enable on TTL high or open circuit.
AC POWER FAIL WARNING:	8mSec (open collector output, low on fail)
ENVIRONMENTAL:	Storage temperature: -30 to 85°C. Operating temperature: 0 to 50°C for 460W. derate linearly to 330W at 75°C. Humidity: 5 to 95% non-condensing.
DIMENSIONS:	2.50" × 4.10" × 7.35 " (2 module version)

