



## Specification Data Sheet Power Supply Model # PA-1173 *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.
INRUSH CURRENT:	40A max. (230 VAC)
UNDER VOLTAGE LOCKOUT:	80VAC typ.
HOLD UP TIME:	15mSec typ. (90-155VAC) 22mSec typ. (156-264VAC)
COOLING:	Two internal built-in fans (40 CFM total)
SAFETY:	EN 60950 compliant, UL, TUV, CE
DC OUTPUTS	<b>24V@ 9.2A</b> <b>24V @ 18.4A</b> All outputs are isolated
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.
RIPPLE AND NOISE:	20mV pk-pk, 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.
GLOBAL OUTPUT GOOD:	(available per request)
AC POWER FAIL WARNING:	8mSec ( open collector output, low on fail )
ENVIRONMENTAL:	Storage temperature: -30 to 85°C. Operating temperature: 0 to 50°C. Humidity: 5 to 95% non-condensing. Derate linearly to 500W max. @ 75°C.
DIMENSIONS:	2.50" × 5.00" × 7.35 " ( 3 module version)

