

**Features :**

- . International AC input range selectable
- . Protection : short circuit / over load / over temp
- . Built-in EMI filter
- . Fully enclosed
- . Compact size, light weight
- . 100% full load burn-in test
- . Low cost

1 year warranty

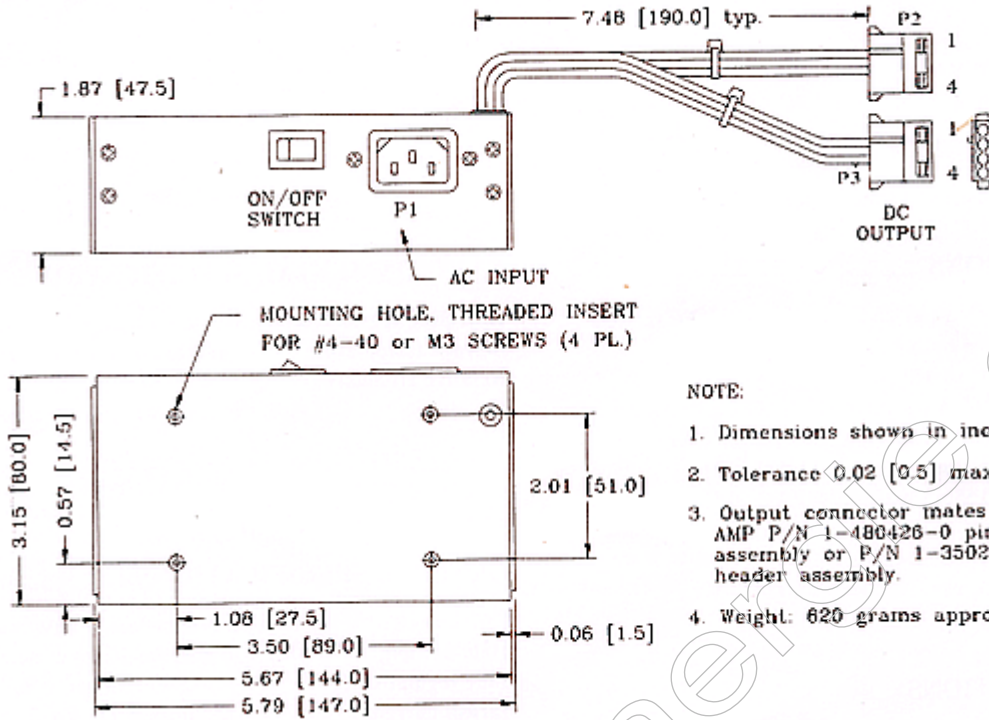
Model	PX53-10	PX53-12	PX53-13	PX53-14	PX53-20	PX53-23	PX53-30	PX53-31	PX53-32
Output 1 DC voltage	5V	12V	15V	24V	+5V	+5V	+5V	+5V	+5V
Output 1 voltage tolerance	2%	1%	1%	1%	3%	3%	3%	3%	3%
Output 1 current min.	0A	0A	0A	0A	1.2A	0.5A	1.2A	1.2A	1.2A
Output 1 current max.	10A	4.2A	3.5A	2.2A	6A	2A	6A	6A	6A
Output 2 DC voltage	#	#	#	#	-5V	+12V	+12V	+12V	+15V
Output 2 voltage tolerance	#	#	#	#	10%	5%	5%	5%	5%
Output 2 current min.	#	#	#	#	0.1A	0.5A	0.4A	0.4A	0.4A
Output 2 current max.	#	#	#	#	0.5A	3.5A	2A	2A	2A
Output 3 DC voltage	#	#	#	#	#	#	-5V	-12V	-15V
Output 3 voltage tolerance	#	#	#	#	#	#	10%	10%	10%
Output 3 current min.	#	#	#	#	#	#	0.1A	0.1A	0.1A
Output 3 current max.	#	#	#	#	#	#	0.5A	0.5A	0.5A
Input voltage	90 to 130VAC or 180 to 260 VAC (selectable by jumper on PCB)								
Input frequency	47 to 440 Hz								
Input current	1.40 A (rms) for 115VAC / 0.80A (rms) for 230VAC								
Safety ground	0.30mA max @ 110VAC 60Hz								
Leakage current	0.55mA max @ 240VAC 50Hz								
Total output power	10 to 50 W								
Ripple and Noise	1% peak to peak maximum								
Over-load protection	All outputs protected to short circuit conditions								
Over-voltage protection	Provided on output #1 only ; set at 112~132% of its nominal output voltage								
Transient response	Maximum excursion of 4% , recovering to 1% of final value within 500µs after a 25% step load change								
Temperature coefficient	All outputs $\pm 0.04\%$ /°C maximum								
Set-up, Rise, Hold-up time	200µs, 50µs, 20ms								
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes								
Withstand voltage	I/P-O/P: 3KVACVAC I/P-FG: 1.5 KVAC ; O/P-FG : 0.5 KVAC								
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG : 500 VDC /100MΩ								
Working temp. & humidity	-10°C~+50°C (refer to output derating curve) 20~90% R.H.								
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)								
Dimensions	215 x 115 x 50 mm (Length x Width x Height) case 912								
Weight	1.15 Kg								
Safety standards	Design refer to UL 1950								
EMC standards	Design refer to FCC Part 15 Class A								

Notes:

- All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient.
- Tolerance include setup tolerance, line regulation, load regulation.
- Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1µF & 47µF capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 0% to 100% rated load



Mechanical Specifications



NOTE:

1. Dimensions shown in inch [mm]
2. Tolerance 0.02 [0.5] maximum
3. Output connector mates with AMP P/N 1-480426-0 pin housing assembly or P/N 1-350211-1 pin header assembly.
4. Weight: 620 grams approx.

Pin Charts

Connector	P2				P3			
Pin	1	2	3	4	1	2	3	4
PX53-10A PX53-12A PX53-13A PX53-14A	RETURN	RETURN	OUTPUT #1	OUTPUT #1	N/A	N/A	N/A	N/A
PX53-23A	OUTPUT #2	COMMON RETURN	COMMON RETURN	OUTPUT #1	OUTPUT #2	COMMON RETURN	COMMON RETURN	OUTPUT #1
PX53-30A PX53-31A PX53-32A	OUTPUT #2	OUTPUT #3	COMMON RETURN	OUTPUT #1	OUTPUT #2	N/A	COMMON RETURN	OUTPUT #1
PX53-20A	OUTPUT #2	COMMON RETURN	COMMON RETURN	OUTPUT #1	N/A	N/A	N/A	N/A