

## AC TO DC CONVERTER (SMPS)

### PIPL-12005AD

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#### 600W SMPS

#### ❖ FEATURES :

- Wide input supply range.
- Built in PFC, EMI filter, low ripple noise.
- Protection: Short circuit / Over load / Over voltage.
- 100% Full Load Burn in test.
- High efficiency, long life and high reliability.
- Miniature size.



#### ❖ SPECIFICATION:

MODEL NO		PIPL-12005AD
OUTPUT	DC VOLTAGE	120VDC
	RATED CURRENT	5AMP
	RATED POWER	600W
	RIPPLE & NOISE (max)	<1% Of Rated Voltage
	VOLTAGE ADJ.RANGE	FIX
	VOLTAGE TOLERANCE	Rated Voltage Of +/-1%
	LINE REGULATION	<+/-0.5%
	LOAD REGULATION	<+/-0.5%
INPUT	VOLTAGE RANGE	180VAC-270VAC
	FREQUENCY RANGE	50Hz
	EFFICIENCY	>85%
INDICATION	LED TYPE	OUTPUT OK
PROTECTION	OVERLOAD	Above 105% Rated Output Power
ENVIRONMENT	WORKING TEMP.	(-15DegC To 65DegC.)
	WORKING HUMIDITY	20 To 90% RH Non Condensing.
	STORAGE TEMP. / HUMIDITY	(-10 To 85DegC 10 To 95%RH)
	VIBRATION	-10 To 500 Hz,2G,20min/Sweep,Period-1Hr,Each along X,Y,Z axes.
SAFETY & EMC	SAFETY STANDARD	Designed To Meet UL60950-1
	WITH STAND VOLTAGE	I/P-O/P:1.5KVDC,I/P-Earth:1.5KVDC
	ISOLATION RESISTANCE	I/P-O/P,I/P-Earth, O/P-Earth:100MOhms/500VDC.
	EMI & EMC	Designed To Meet EN55022,EN61000-4-2.
OTHERS	ENCLOSURE PROTECTION	IP-21
	COOLING	FORCED COOLING
	DIMENSION	200*200*105(MM)
	WEIGHT	6KG
NOTE	1.All parameters NOT specially mentioned are measured at typical input ,rated load and 25 Deg. ambient temperature. 2.Ripple& noise are measured at 20MHz of bandwidth by using a12"twisted pair-wired terminated with a0.1uF&47uF parallel capacitor. 3.Tolerance includes set up tolerance, line regulation and load regulation. 4.The power supply is considered a component which will be installed into final equipment .The final equipment must be recon formed that it still meets EMC directives. 5.Specifications are subject to change with out prior notice due to constant improvement in design& technology.	

SMPS IDC DC Converters | Adapters | Electro Plating Rectifier | POE SMPS | Battery chargers | DC AC Converter  
DC Regulator Power supply | LED Driver | Inverter | CVT | Servo controlled Voltage Stabilizer | Transformer