

ELECTROPLATING RECTIFIER

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PIPL-12100EPRT

1200W RECTIFIER

❖ 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-12100EPRT	
OUTPUT	DC VOLTAGE	0-12VDC
	RATED CURRENT	0-100A
	RATED POWER	1200W
	RIPPLE & NOISE (max)	<1% Of Rated Voltage
	VOLTAGE ADJ.RANGE	USING POT FROM 0 TO 12VDC
	VOLTAGE TOLERANCE	Rated Voltage Of +/-1%
	LINE REGULATION	<+/-0.5%
INPUT	LOAD REGULATION	<+/-0.5%
	VOLTAGE RANGE	230VAC
	FREQUENCY RANGE	50Hz
CONTROL	TIMER	TO SET ON TIME & OFF TIME
PROTECTION	OVERLOAD	Above 105% Rated Output Power
ENVIRONMENT	EFFICIENCY	>85%
	WORKING TEMP.	(-5DegC To 55DegC.)
	WORKING HUMIDITY	20 To 90% RH Non Condensing.
	STORAGE TEMP./ HUMIDITY	(-10 To 85DegC 10 To 95%RH)
SAFETY & EMC	VIBRATION	-10 To 500 Hz,2G,20min/Sweep,Period-1Hr,Each along X,Y,Z axes.
	SAFETY STANDARD	Designed To Meet UL60950-1
	WITH STAND VOLTAGE	I/P-O/P:2KVDC,I/P-Earth:2KVDC
	ISOLATION RESISTANCE	I/P-O/P,I/P-Earth,O/P-Earth:100MOhms/500VDC.
OTHERS	EMI & EMC	Designed To Meet EN55022,EN61000-4-2.
	ENCLOSURE PROTECTION	IP-21
	COOLING	FAN
	DIMENSION (L*W*H)	490*300*130 MM
NOTE	WEIGHT	18.0KG
NOTE	<p>1.All parameters NOT specially mentioned are measured at typical input ,rated load and 25 Deg.cambient temperature.</p> <p>2.Ripple& noise are measured at 20MHz of bandwidth by using a12"twisted pair-wired terminated with a0.1uF&47uF parallel capacitor.</p> <p>3.Tolerance includes set up tolerance, line regulation and load regulation.</p> <p>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.</p> <p>5.Specifications are subject to change with out prior notice due to constant improvement in design& technology.</p>	

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