

# DATASHEET

## DC-AC CONVERTER



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## PIPL-60048DA

### 600W DC TO AC CONVERTER

#### ❖ FEATURES :

- Wide input supply range.
- 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-60048DA
OUTPUT	AC VOLTAGE	230VAC
	RATED POWER	600W
	VOLTAGE TOLERANCE	Rated Voltage Of +/-5%
	LINE REGULATION	<+/-5%
	LOAD REGULATION	<+/-5%
INPUT	VOLTAGE RANGE	48VDC (+/-15%)
	EFFICIENCY	>90%
PROTECTION	OVERLOAD	Above 105%Rated Output Power Protection Type:ConstantCurrent,Recovers automatically after fault condition is removed
	OVER VOLTAGE	125%-150% Rated Output Voltage Protection type: Hiccup Mode, Recovers automatically after fault condition removed
INDICATION	LED	INPUT_OK, OUTPUT_OK, INPUT_LOW, FAULT
ENVIRONMENT	WORKING TEMP.	(-5DegC 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	Input & Output Ground are Isolated
	EMI & EMC	Designed To Meet EN55022,EN61000-4-2.
OTHERS	ENCLOSURE PROTECTION	IP-20
	COOLING	NATURAL COOLING
	TYPE OF MOUNTING	FLOOR / RACK
	WEIGHT	12.0KG
NOTE	<p>1. All parameters NOT specially mentioned are measured at typical input ,rated load and 25 Deg.c.ambient temperature.</p> <p>2.Ripple&amp; noise are measured at 20MHz of bandwidth by using a12"twisted pair-wired terminated with a0.1uF&amp;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&amp; 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