

DATASHEET

DC-AC CONVERTER



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PIPL-1K48DA

1000W 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-1K48DA
OUTPUT	AC VOLTAGE	230VAC
	RATED POWER	1KW
	VOLTAGE TOLERANCE	Rated Voltage Of +/-5%
	LINE REGULATION	<+/-10%
	LOAD REGULATION	<+/-10%
INPUT	VOLTAGE RANGE	40VDC TO 60VDC
	EFFICIENCY	>90%
PROTECTION	OVERLOAD	Above 105%Rated Output Power Protection Type:Constant Current,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:2KVDC,I/P-Earth:2KVDC
	ISOLATION	Input& Output Ground are Isolated
	EMI & EMC	Designed To Meet EN55022,EN61000-4-2.
OTHERS	ENCLOSURE PROTECTION	IP-20
	COOLING	Fan cooling
	DIMENSION	19" RACK MOUNTING WITH 3U HEIGHT (APPROX)
	WEIGHT	18.0Kg
NOTE	1.All parameters NOT specially mentioned are measured at typical input ,rated load and 25 Deg.c.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