

DATASHEET

DC-AC CONVERTER (REDUNDANT)



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PIPL-1K110DA

1000W CONVERTER

❖ FEATURES :

- Wide input supply range.
- Built in 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-1K110DA |
|--------------|--|--|
| OUTPUT | AC VOLTAGE | 230VAC |
| | RATED CURRENT | 3.5AMP |
| | RATED POWER | 1000W |
| | VOLTAGE TOLERANCE | Rated Voltage Of +/-5% |
| | LINE REGULATION | <+/-10% |
| | LOAD REGULATION | <+/-10% |
| INPUT | VOLTAGE RANGE | 110VDC |
| | EFFICIENCY | >90% |
| PROTECTION | OVERLOAD | Above 105%Rated Output Power Protection Type: 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 |
| ENVIRONMENT | WORKING TEMP. | (-5DegC To 65DegC.) |
| | WORKING HUMIDITY | 20 To 90% RHNon 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 | Forced cooling |
| | DIMENSION | 19" RACK MOUNT |
| | WEIGHT | 15.0Kg |
| 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& 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