

DC-DC CONVERTER

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PIPL-1225DD

300W 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-1225DD | |
|--------------|---|---|
| OUTPUT | DC VOLTAGE | 12VDC |
| | RATED CURRENT | 25A |
| | RATED POWER | 300W |
| | RIPPLE & NOISE (max) | <1%Of Rated Voltage |
| | VOLTAGE ADJ.RANGE | FIX |
| | VOLTAGE TOLERANCE | Rated Voltage Of +/-1% |
| | LINE REGULATION | <+/-0.5% |
| INPUT | LOAD REGULATION | <+/-0.5% |
| | VOLTAGE RANGE | 110VDC |
| PROTECTION | EFFICIENCY | >85% |
| | 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 INDICATION | INPUT OK ,OUTPUT OK |
| ENVIRONMENT | WORKING TEMP. | (-5DegC To 85DegC.) |
| | 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 RESISTANCE | I/P-O/P, I/P-Earth, O/P-Earth: 100M0hms / 500VDC. |
| | EMI & EMC | Designed To Meet EN55022, EN61000-4-2. |
| OTHERS | ENCLOSURE PROTECTION | IP-21 |
| | COOLING | FORCED COOLING |
| | DIMENSION (L*W*H)mm | 200*130*90 |
| | APPROX WEIGHT | 1.42Kg |
| 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 without 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

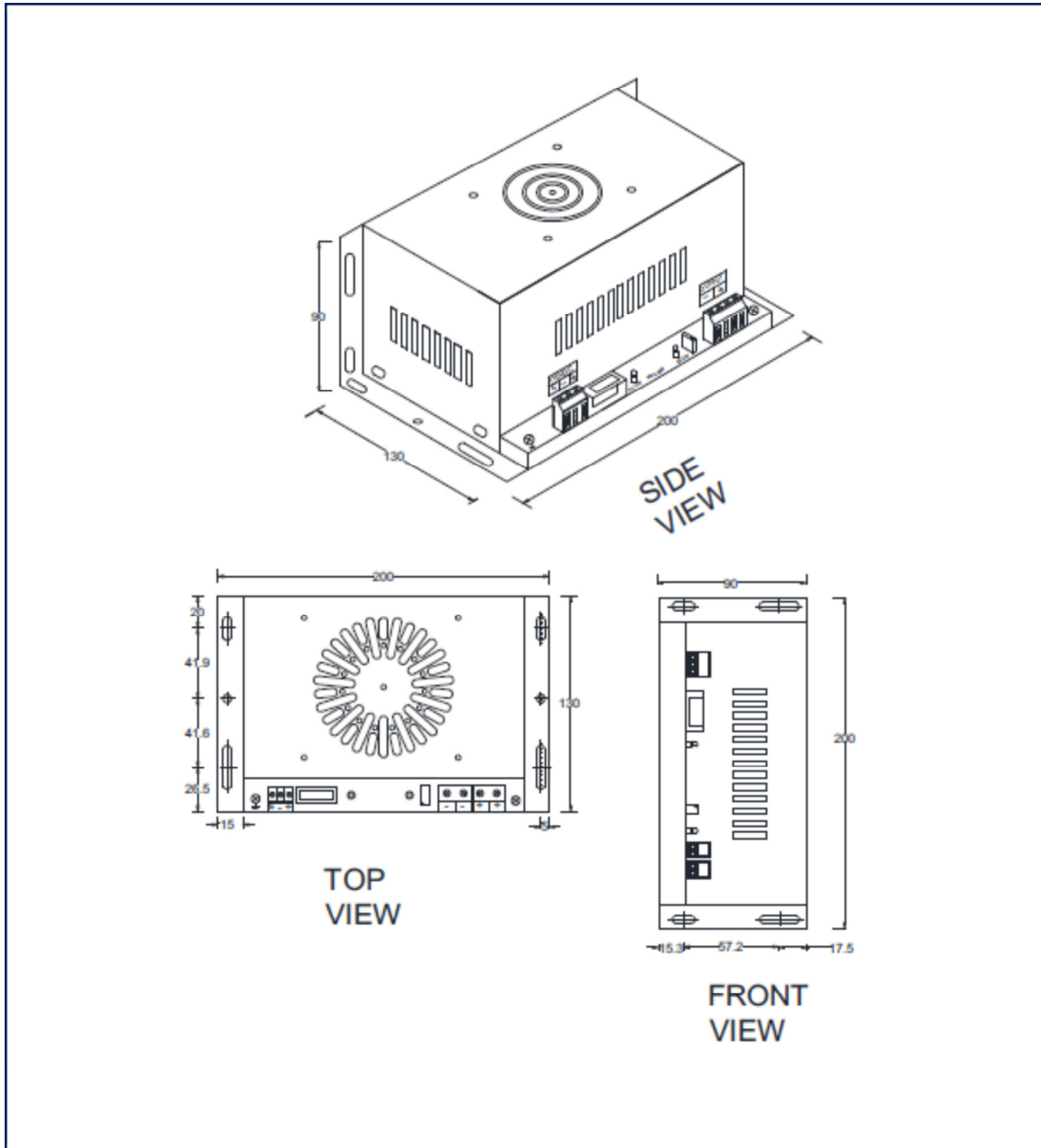
DATASHEET

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