

DATASHEET

ELECTRO PLATING RECTIFIER

PIPL- 24100EPR



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2400W ELECTRO PLATING RECTIFIER

❖ 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-24100EPR |
|--------------|---|---|
| OUTPUT | DC VOLTAGE | 24VDC |
| | DC CURRENT | 100A |
| | VOLTAGE ADJ.RANGE | 0 TO 24VDC |
| | CURRENT RANGE | 0 TO 100A |
| | RATED POWER | 2400W |
| | DISPLAY | OUTPUT V & I |
| | RIPPLE & NOISE (max) | <1% Of Rated voltage |
| | VOLTAGE TOLERANCE | Rated voltage Of +/-1% |
| | LINE REGULATION | <+/-1% |
| INPUT | LOAD REGULATION | <+/-1% |
| | AC VOLTAGE RANGE | 230VAC (1 PHASE) |
| | FREQUENCY RANGE | 50Hz |
| PROTECTION | EFFICIENCY | >88% |
| | 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 is removed. |
| ENVIRONMENT | WORKING TEMP. | (-5 DegC To 65DegC.) |
| | WORKING HUMIDITY | 20 To 90% RH Non Condensing. |
| | STORAGE TEMP./ HUMIDITY | (-10 To 85 DegC 10 To 95% RH) |
| | VIBRATION | (-10 To 500 Hz , 2G , 20min / Sweep , Period - 1 Hr, Each along X,Y,Z axes.) |
| SAFETY & EMC | SAFETY STANDAEED | Designed to meet UL60950-1 |
| | WITH STAND VOLTAGE | I / P - O / P 2KVDC , I / P- Earth, O / P-Earth 2KVDC |
| | ISOLATION RESISTANCE | I / P - O / P , I / P- Earth, O / P-Earth : 100MOhms / 500VDC. |
| | EMI & EMC | Designed to meet EN55011 / EN55022 , EN61000-4-2 |
| OTHERS | ENCLOSURE PROTECTION | IP-21 |
| | COOLING | Forced AIR Cooling |
| 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 a 12" twisted pair-wire terminated with a 0.1uF & 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