

LOP-200

S E R I E S

200 Watts Single Output 4"x2" Low Profile Open Frame Power Supply

FEATURES

- ◆ Global certifications in multi-fields : ITE 62368-1, Medical 60601-1, Household 60335-1, Industrial 61558-1
- ◆ 150% peak load @ 3 sec.
- ◆ No load power consumption < 0.5W
- ◆ Suitable for Class I or II installations
- ◆ Over voltage category III
- ◆ Extremely low leakage current, 2 x MOPP for BF application
- ◆ Operating altitude up to 5000M
- ◆ Built-in 12V/0.5A for external FAN
- ◆ -40~+85°C wide range operation temperature
- ◆ Built-in Remote sense
- ◆ 3 years warranty

SPECIFICATIONS

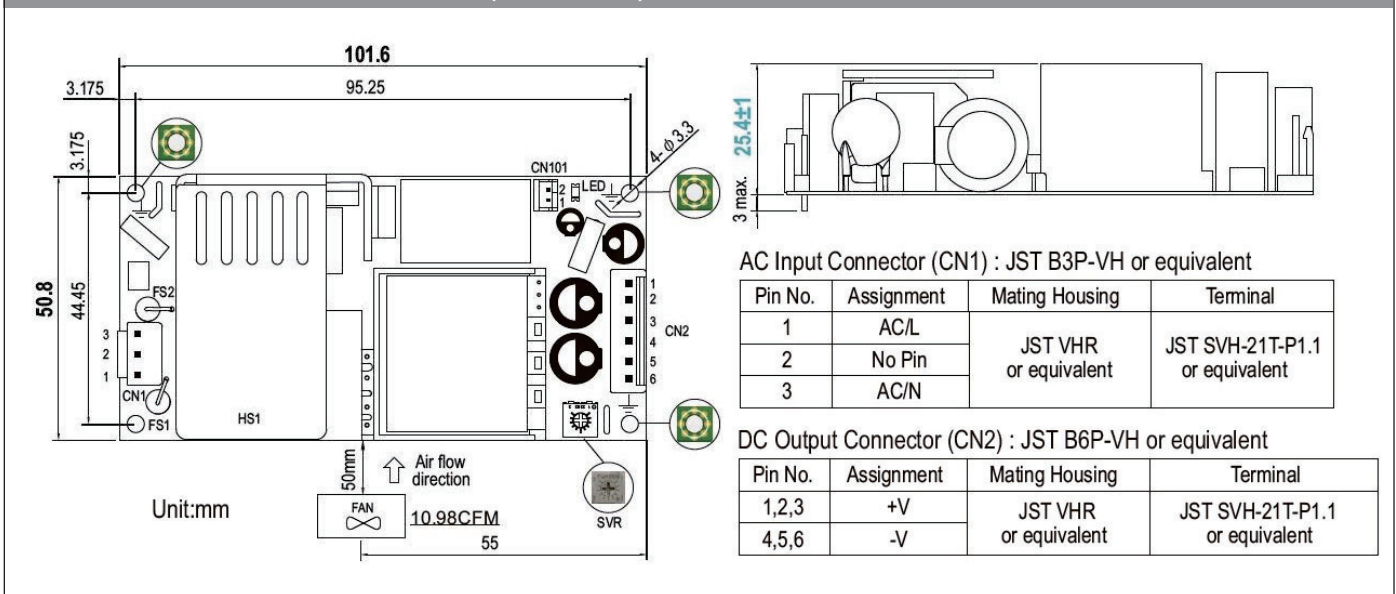
Input voltage.....80~264VAC; 113~370VDC
 Frequency range.....47-63Hz
 Inrush current (typ.).....Cold start, 40A at 115VAC; 80A at 230VAC
 AC current (typ.).....2.5A at 115VAC; 1.0A at 230VAC
 DC adjustment range.....± 5% rated output voltage
 Line Regulation.....± 0.5%
 Load Regulation.....± 1.0%
 O.L.P.105~150% rated output power, hiccup after 3 sec.,
 recovers automatically after fault condition is removed
 O.V.P.shut down o/p voltage, re-power on to recover
 O.T.P.shut down o/p voltage, re-power on to recover
 or automatically after temperature goes down
 Working temperature.....-40°C ~+80°C
 Withstand Vol.....I/P-O/P:4KVAC,I/P-FG:2KVAC,O/P-FG:1.5KVAC
 Safety standard....ANSI/AAMI ES60601-1,TUV EN/IEC60601-1,
 UL/EN/IEC62368-1,EN/IEC60335-1,EN/IEC60558-1/-2-16
 CCC GB4943.1, RCM AS/NZS61558-1/-2-16, EAC TPTC 004
 EMC standard.....EN55011, EN55032 Class A and B, EN61000-3-2,-/3
 EN61000-4-2,3,4,5,6,8,11, En55014
 MTBF.....393.9K hrs min. (MIL-HDBK-217F(25°C)
 Dimension.....101.6x50.8x25.4mm (L*W*H)
 Packing.....0.21Kg; 36pcs/10kg/0.95CUFT



| Model Number | | LOP-200-12 | LOP-200-15 | LOP-200-18 | LOP-200-24 |
|----------------------------|--------------|------------|------------|------------|------------|
| DC Output Voltage | | 12V | 15V | 18V | 24V |
| Output Current | Peak(3 sec.) | 25A | 20A | 16.7A | 12.5A |
| | 23 CFM Fan | 16.7A | 13.4A | 11.1A | 8.4A |
| | Convection | 11.7A | 9.4A | 7.8A | 5.9A |
| Rated Power | Peak(3 sec.) | 300W | 300W | 300.6W | 300W |
| | 23 CFM Fan | 200.4W | 201W | 199.8W | 201.6W |
| | Convection | 140.4W | 141W | 140.4W | 141.6W |
| Ripple & Noise (max.) | | 120mVp-p | 150mVp-p | 180mVp-p | 200mVp-p |
| Vol. Adj. Range (main o/p) | | 11.4~12.6V | 14.3~15.8V | 17.1~18.9V | 22.8~25.2V |

| Model Number | | LOP-200-27 | LOP-200-36 | LOP-200-48 | LOP-200-54 |
|----------------------------|--------------|------------|------------|------------|------------|
| DC Output Voltage | | 27V | 36V | 48V | 54V |
| Output Current | Peak(3 sec.) | 11.1A | 8.3A | 6.3A | 5.6A |
| | 23 CFM Fan | 7.5A | 5.6A | 4.2A | 3.8A |
| | Convection | 5.3A | 3.9A | 3.0A | 2.7A |
| Rated Power | Peak(3 sec.) | 299.7W | 298.8W | 302.4W | 302.4W |
| | 23 CFM Fan | 202.5W | 201.6W | 201.6W | 205.2W |
| | Convection | 143.1W | 140.4W | 144W | 145.8W |
| Ripple & Noise (max.) | | 200mVp-p | 250mVp-p | 250mVp-p | 250mVp-p |
| Vol. Adj. Range (main o/p) | | 25.6~28.4V | 34.2~37.8V | 45.6~50.4V | 52.0~58.0V |

MECHANICAL DRAWING (Unit: mm)



Open Frame