

KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- Meets IEEE 802.3af/at/bt PSE requirements
- 4"x6"x1.33" with low profile size
- High efficiency up to 90%
- Two power supplies in parallel provide up to 846W
- 1+1 redundancy design with current sharing
- Exclusive design prolongs capacitor lifetime (≥ 5 yrs.)



SPECIFICATION

| Model Name | | TN16-0450-01 | |
|---------------|----------------------------|--|---------------|
| Output | Rated Power | 470 W (with 22.2 CFM fan x 2) | |
| | Derating Power | 235W@70°C (Derate linearly from 100% load at +50°C to 50% load at +70°C) | |
| | Output Voltage | 12 Vdc | 54 Vdc |
| | Maximum Output Current | 8.34 A | 8.34 A |
| | Over Current Limit | ≤ 15 A | ≤ 12.5 A |
| | Minimum Output Current | 0.1 A | 0.1 A |
| | Ripple & Noise | ≤ 1 % | |
| | Hold Up Time | ≥ 10 ms @100% Load, 115Vac/60Hz | |
| Input | Input Voltage | 90~264 Vac | |
| | Input Frequency | 47~63 Hz | |
| | Power Factor | ≥ 0.95 @100% Load, 115Vac/60Hz | |
| | Efficiency | ≥ 90 % @230Vac/50Hz | |
| | Inrush Current | ≤ 60 A @60A/115Vac, 120A/230Vac, 25°C | |
| EMC | Surge | 4KV (L/N-G), 2KV (L-N) | |
| | EMI | EN55032, FCC Part 15 | |
| | ESD | IEC61000-4-2 | |
| Environmental | Operating Temperature | -20~+70 °C | |
| | Storage Temperature | -40~+80 °C | |
| | Operating Humidity | 20~90 %RH | |
| | Storage Humidity | 5~90 %RH | |
| | Operating Altitude | 5,000 m | |
| Others | Dimension (W x L x H) | 101.6 x 152.4 x 33.8 mm (4 x 6 x 1.33 inch) *The height excludes PCB thickness | |
| | Mean Time Between Failures | $\geq 100,000$ hours @230Vac/50Hz, 25°C | |
| | Certifications | CB, UL/cUL, CCC | |

*Specifications are subject to change without notice

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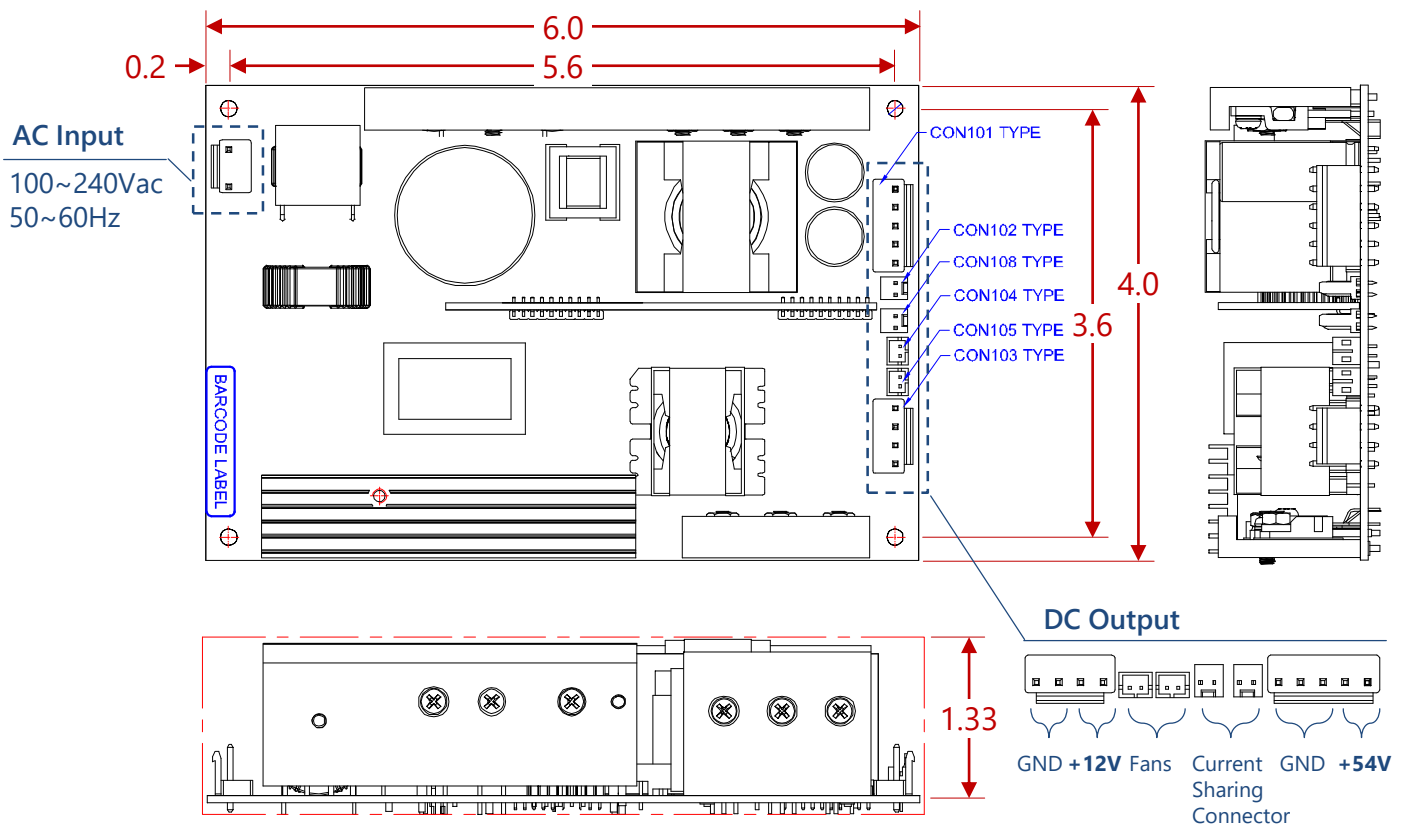


APPLICATION

- PoE Switch
- IP-PBX
- Industrial



MECHANICAL SPECIFICATION



Unit: inch

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