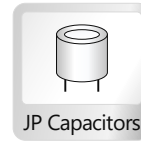
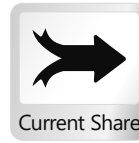




KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- Meets IEEE 802.3af/at/bt PSE requirements
- Dual output design meets PoE insulation regulation
- Dual outputs with different ground wires
- 1+1 redundancy design with current sharing
- Low inrush current design
- Exclusive design prolongs capacitor lifetime (≥5 yrs.)



SPECIFICATION

| Model Name | | TN09-0589-02 | |
|---------------|----------------------------|--|-------------|
| Output | Rated Power | 589 W (with 30 CFM) | |
| | Derating Power | 412.3W@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 | 14 A | 7.8 A |
| | Over Current Limit | ≤ 20 A | ≤ 12 A |
| | Minimum Output Current | 0 A | 0 A |
| | Ripple & Noise | ≤ 120 mVp-p | ≤ 500 mVp-p |
| | Hold Up Time | ≥ 20 ms @100% Load | |
| Input | Input Voltage | 90~264 Vac | |
| | Input Frequency | 47~63 Hz | |
| | Power Factor | ≥ 0.98 @100% Load, 115Vac | |
| | Efficiency | ≥ 87 % | |
| | Inrush Current | ≤ 30 A @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~+85 °C | |
| | Operating Humidity | 5~95 %RH | |
| | Storage Humidity | 5~95 %RH | |
| | Operating Altitude | 5,000 m | |
| Others | Dimension (W x L x H) | 127 x 254 x 41.5 mm (5 x 10 x 1.63 inch) | |
| | Mean Time Between Failures | ≥ 100,000 hours @230Vac/50Hz, 25°C | |
| | Certifications | CB, UL/cUL, UKCA | |

*Specifications are subject to change without notice

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APPLICATION

- PoE Switch



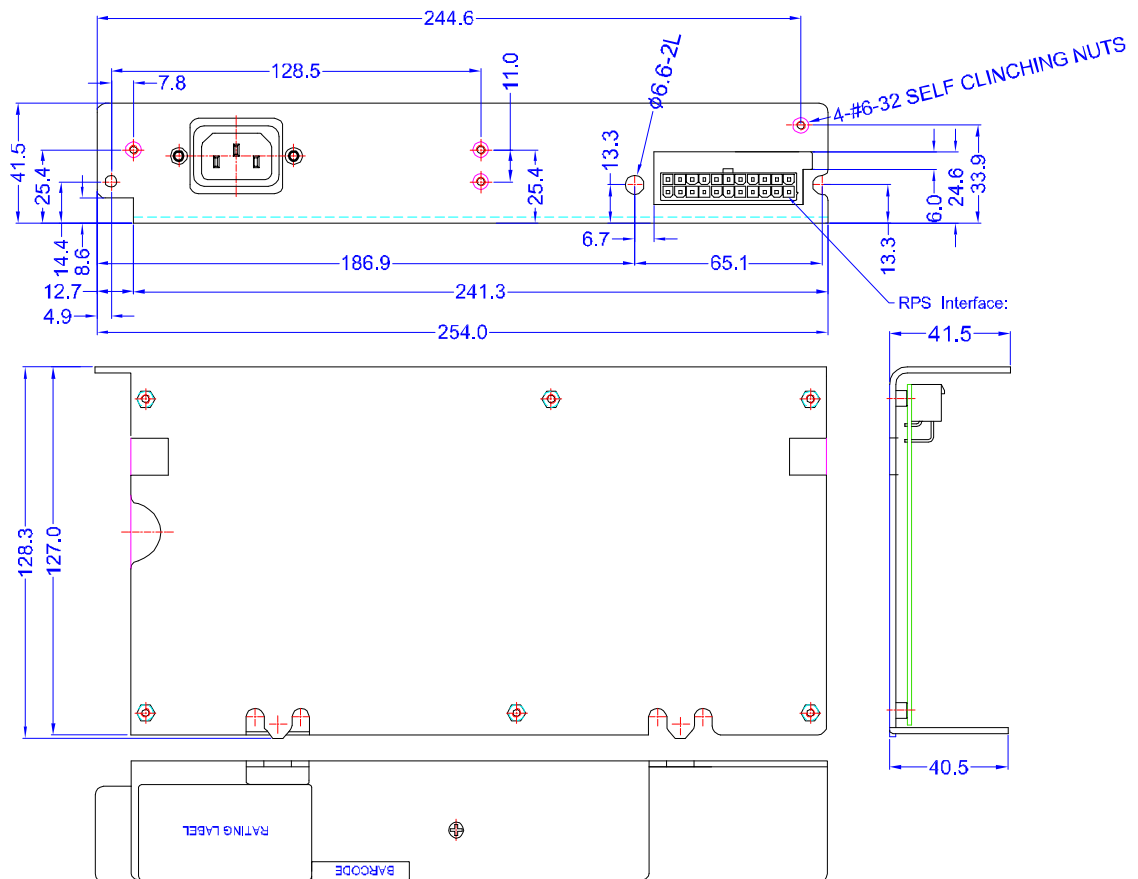
- IP-PBX



- Industrial



MECHANICAL SPECIFICATION



Unit: mm

LEAD YEAR ENTERPRISE CO., LTD.

2F No.618 RuiGuang Road, NeiHu District, Taipei, Taiwan 11492

Tel: +886-2-2657-2191

Fax: +886-2-2657-8798

Email: sales@tigerpower.com

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