

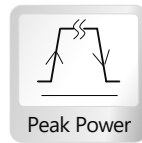


>>> Developing



## KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- Withstand high peak power up to 200W/10.4A/12Vdc
- Wide operation temperature from -10°C to +70°C
- Built-in remote power on/off control
- Power ok signal
- High efficiency (more than 88%)
- Low EMI design enhance system stability



## SPECIFICATION

| Model Name    |                            | TG23-0175-01                                |              |
|---------------|----------------------------|---|--------------|
| Output        | Rated Power                | 175 W (with 12 CFM)                         |              |
|               | Derating Power             | 87.5W@50% Load, 70°C                        |              |
|               | Output Voltage             | 5 Vdc                                       | 12 Vdc       |
|               | Maximum Output Current     | 15 A  | 8.3 A        |
|               | Over Current Limit         | 15.5~20.0 A                                 | 10.5~13.5 A  |
|               | Minimum Output Current     | 0.1 A                                       | 0.1 A        |
|               | High Peak Power            | ---   | 10.4 (≤ 5 s) |
|               | Ripple & Noise             | ≤ 1 %                                       | ≤ 1 %        |
|               | Hold Up Time               | ≥ 20 ms @100% Load                          |              |
| Input         | Input Voltage              | 85~264 Vac                                  |              |
|               | Input Frequency            | 47~63 Hz                                    |              |
|               | Power Factor               | ≥ 0.9 @100% Load, 240Vac/50Hz               |              |
|               | Efficiency                 | ≥ 88% @100% Load, 240Vac/50Hz               |              |
|               | Inrush Current             | ≤ 17 A @100Vac, 25°C ; ≤ 35 A @240Vac, 25°C |              |
| EMC           | Surge                      | 2KV (L/N-G), 1KV (L-N)                      |              |
|               | EMI                        | EN55032                                     |              |
|               | ESD                        | IEC61000-4-2                                |              |
| Environmental | Operating Temperature      | -10~+70 °C                                  |              |
|               | Storage Temperature        | -40~+85 °C                                  |              |
|               | Operating Humidity         | 5~95 %RH                                    |              |
|               | Storage Humidity           | 5~95 %RH                                    |              |
|               | Operating Altitude         | 3,000 m                                     |              |
| Others        | Dimension (W x L x H)      | 99 x 145 x 41 mm (3.9 x 5.71 x 1.62 inch)   |              |
|               | Mean Time Between Failures | ≥ 500,000 hours @100Vac/60Hz, 25°C          |              |
|               | Certifications             | CB, TÜV, UL/cUL                             |              |

\*Specifications are subject to change without notice

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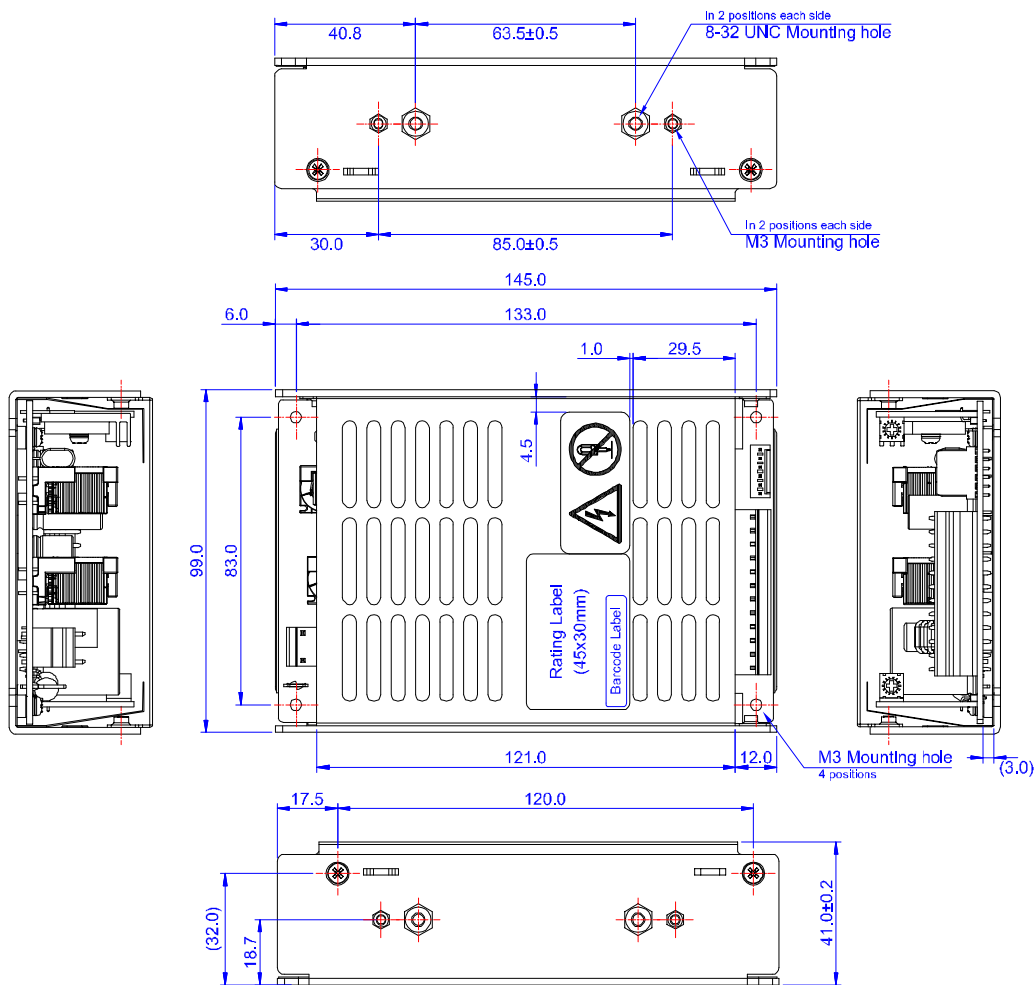


## APPLICATION

- Medical Testing Device
- Industrial
- Non PoE Switch



## MECHANICAL SPECIFICATION



Unit: mm

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