

KEY FEATURES

- Meets IEEE 802.3af/at/bt PSE requirements
- Dual output design meets PoE insulation regulation
- Dual outputs with different ground wires
- 3.15 " x 6.1 " x 1.39" with low profile size
- High efficiency up to 90%
- Low EMI design enhance system stability
- Japanese capacitors improve PSU reliability



*UL 62368-1 Upgradable

SPECIFICATION

Model Name		TN13-0300-01	
Output	Rated Power	300 W (with 17.69 CFM)	
	Output Voltage	12 Vdc	54 Vdc
	Maximum Output Current	5.8 A	4.7 A
	Over Current Limit	12 A	5~7.5 A
	Minimum Output Current	0 A	0.1 A
	Ripple & Noise	≤ 120 mVp-p	≤ 400 mVp-p
	Hold Up Time	≥ 10 ms	
Input	Input Voltage	90~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.95 @100% Load, 115Vac/60Hz	
	Efficiency	≥ 90 % @100% Load, 230Vac/50Hz	
	Inrush Current	≤ 50 A @100Vac/50Hz, 25°C ; ≤ 100 A @200Vac/50Hz, 25°C	
EMC	Surge	4KV (L/N-G), 2KV (L-N)	
	EMI	EN55032, FCC Part 15	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	-10~+50 °C	
	Storage Temperature	-40~+50 °C	
	Operating Humidity	20~90 %RH	
	Storage Humidity	20~90 %RH	
	Operating Altitude	5,000 m	
Others	Dimension (W x L x H)	80 x 155 x 33.8 mm (3.15 x 6.1 x 1.33 inch) *The height excludes PCB thickness	
	Mean Time Between Failures	≥ 100,000 hours @ 230Vac/50Hz, 25 °C	
	Certifications	CB, TÜV, UL/cUL, CCC	

*Specifications are subject to change without notice

WN20230329

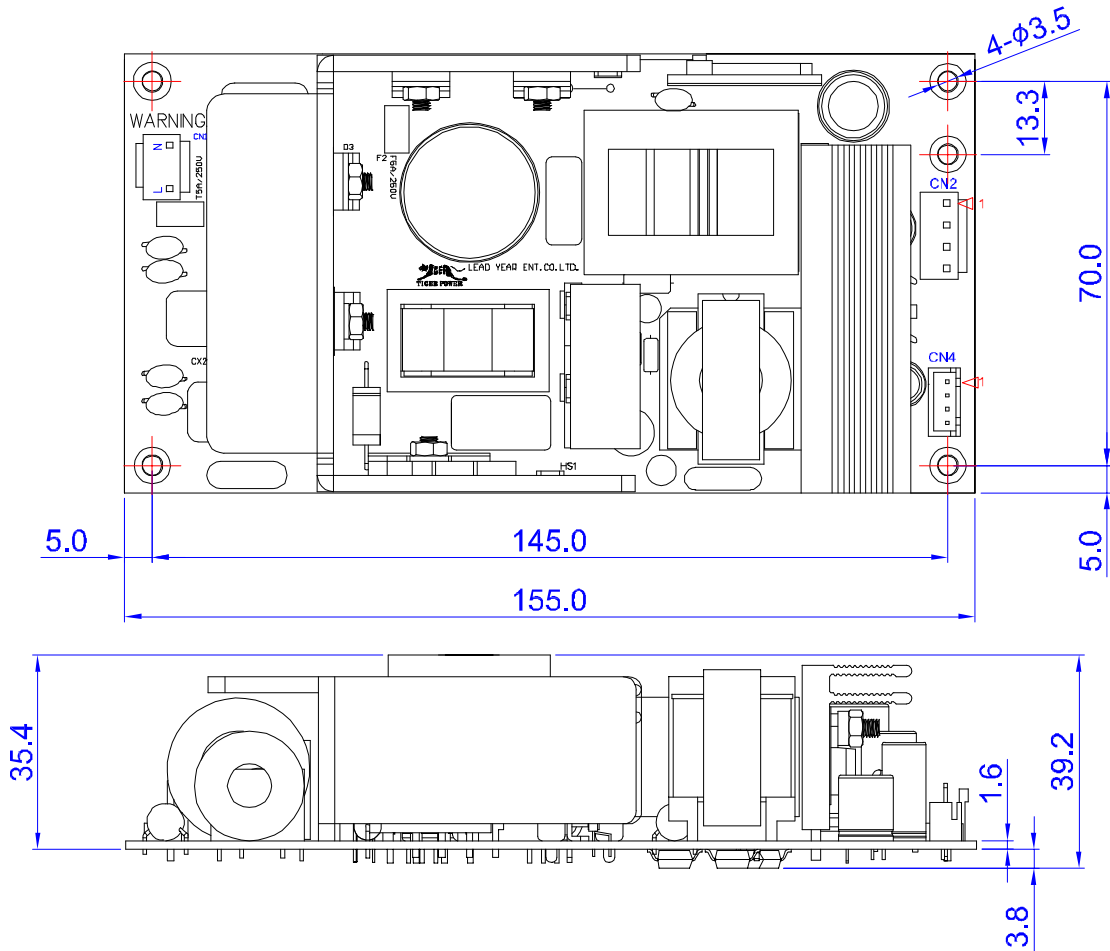


APPLICATION

- 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

WN20230329

