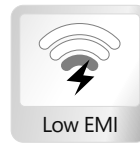


## KEY FEATURES

- Complies with IEC/EN/UL 62368-1 standard
- 140W with natural air convection cooled
- Wide operation temperature from -40°C to +70°C
- 2" x 4" x 0.84" with low profile size
- High efficiency up to 94.5 %
- No-load power consumption less than 0.15W
- High power density up to 37.2W/in<sup>3</sup>



## SPECIFICATION

Model Name		TN19-0250-12	TN19-0250-24	TN19-0250-48	TN19-0250-55
Output	Rated Power	250 W (with 13 CFM)			
	Derating Power	125W@70°C (Derate linearly from 100% load at +50°C to 50% load at +70°C)			
	Output Voltage	12 Vdc	24 Vdc	48 Vdc	55 Vdc
	Maximum Output Current	20.83 A	10.41 A	5.20 A	4.54 A
	Over Current Limit	105~145 %	105~145 %	105~145 %	105~145 %
	Minimum Output Current	0 A	0 A	0 A	0 A
	Ripple & Noise	≤ 1%			
	Hold Up Time	≥ 10 ms			
Input	Input Voltage	90~264 Vac			
	Input Frequency	47~63 Hz			
	No-load Power Consumption	≤ 0.15 W	≤ 0.2 W	≤ 0.3 W	≤ 0.3 W
	Power Factor	≥ 0.95			
	Efficiency	92.5 %	93.5 %	94.5 %	94.5 %
	Inrush Current	≤ 45 A @115Vac ; ≤ 90 A @230Vac, 25°C			
EMC	Surge	2KV (L/N-G), 1KV (L-N)			
	EMI	EN55032, FCC Part 15			
	ESD	IEC61000-4-2			
Environmental	Operating Temperature	-40~+70 °C			
	Storage Temperature	-40~+85 °C			
	Operating Humidity	20~90 %RH			
	Storage Humidity	5~95 %RH			
	Operating Altitude	5,000 m			
Others	Dimension (W x L x H)	50.8 x 101.6 x 21.4 mm (2 x 4 x 0.84 inch) *The height excludes PCB thickness			
	Mean Time Between Failures	≥ 500,000 hours			
	Certifications	CB, TÜV, UL/cUL			

\*Specifications are subject to change without notice

EC20220826



## APPLICATION

- PoE Switch



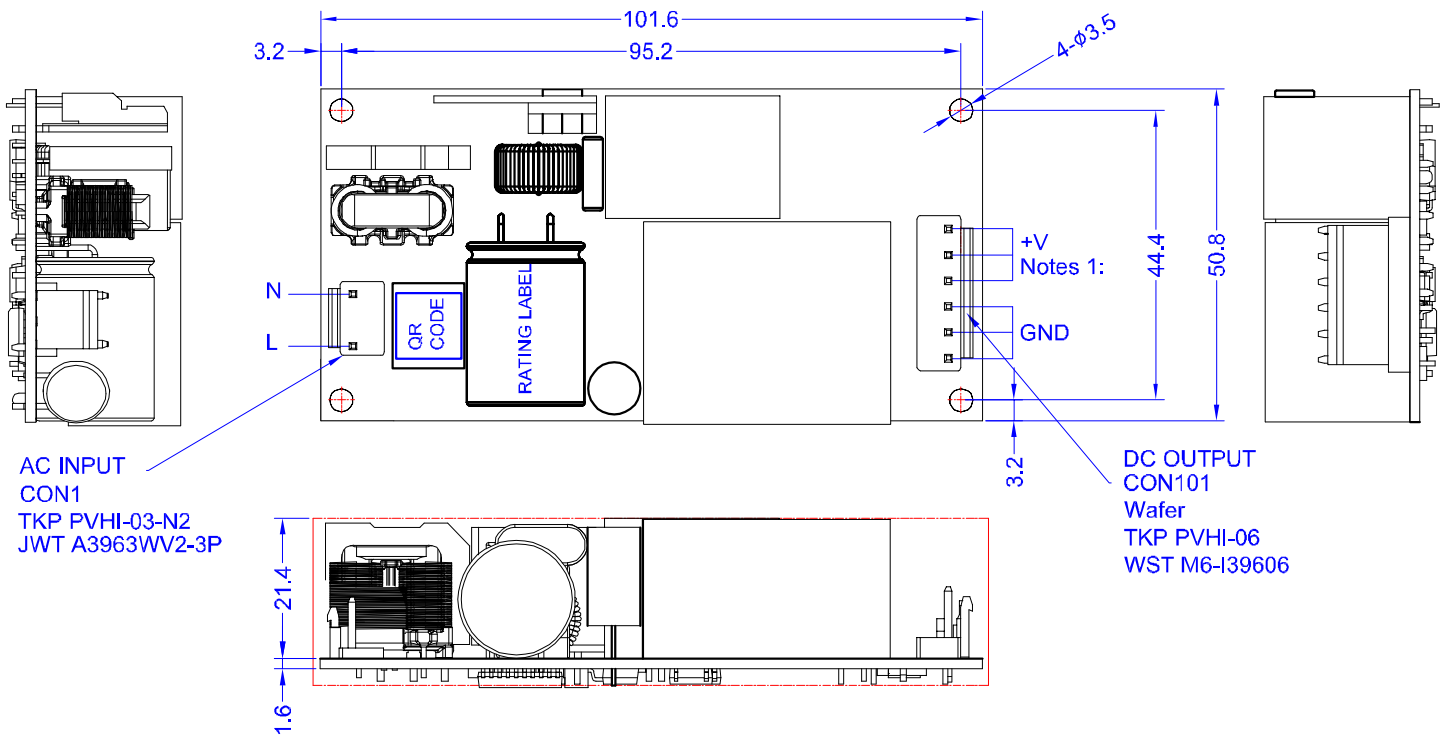
- IP-PBX



- 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

EC20220826

