



## KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- Meets IEEE 802.3af/at/bt standard for power supply
- Dual output design meets PoE insulation regulation
- Power ok signal / AC power fault signal
- High efficiency (more than 87%)
- 1+1 redundancy design with current sharing
- Japanese capacitors improve PSU reliability



## SPECIFICATION

Model Name		TN21-1005-01	
Output	Rated Power	1,005 W (with 21 CFM fan x2)	
	Output Voltage	12 Vdc	-55 Vdc
	Maximum Output Current	15 A	15 A
	Over Current Limit	≤ 19.5 A	≤ 19.5 A
	Minimum Output Current	0 A	0 A
	Ripple & Noise	≤ 1%	≤ 1%
	Hold Up Time	≥ 16 ms @100% Load	
Input	Input Voltage	90~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.95 @50% Load, 115Vac	
	Efficiency	≥ 87% @100% Load, 230Vac/50Hz	
	Inrush Current	≤ 30 A @115Vac, 25°C	
EMC	Surge	4 KV (L/N-G), 2 KV (L-N)	
	EMI	EN55032	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	0 ~ +50 °C	
	Storage Temperature	-40~+70 °C	
	Operating Humidity	10~90 %RH	
	Storage Humidity	10~95 %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) *The height excludes PCB thickness	
	Mean Time Between Failures	≥ 900,000 hours @230Vac/50Hz, 25°C	
	Certifications	Meets CB, TÜV, UL/cUL	

\*Specifications are subject to change without notice

DK20230303



## APPLICATION

- PoE Switch



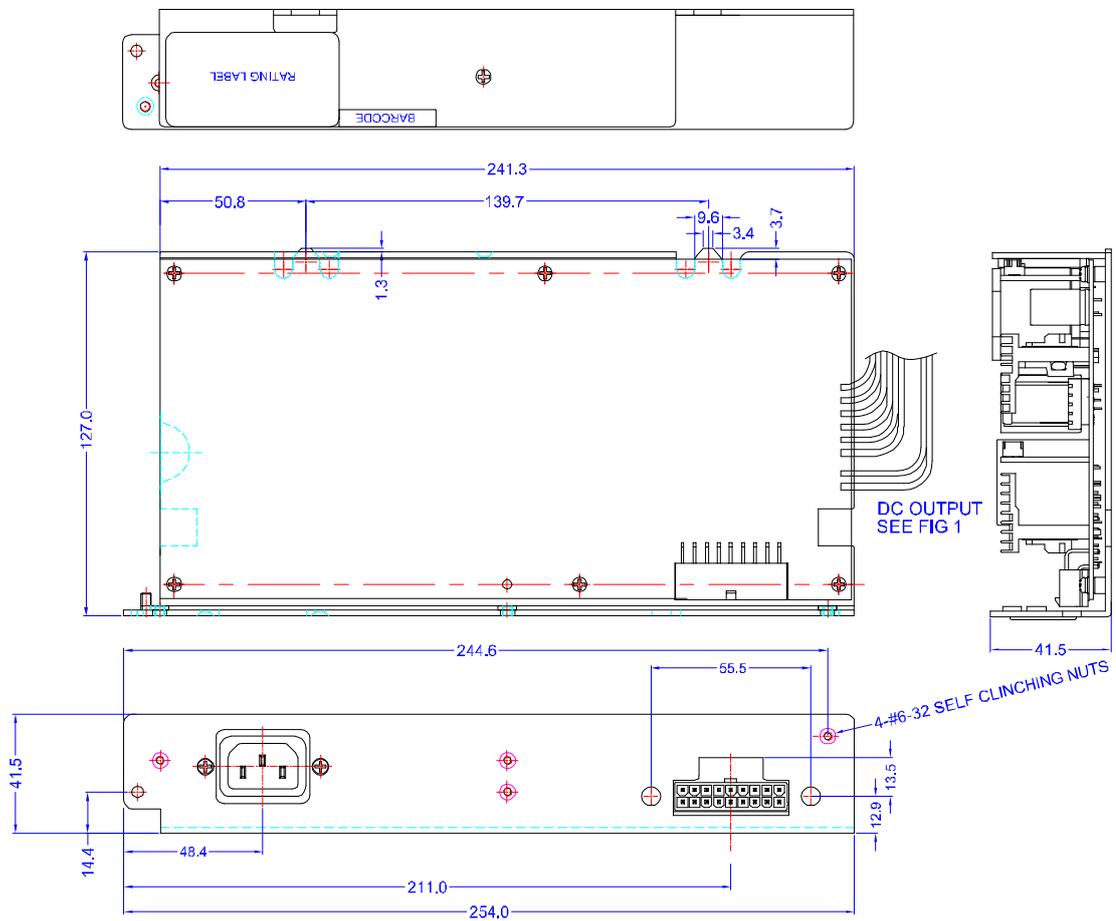
- IP-PBX



- 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

DK20230303

