



>>> Developing

KEY FEATURES

- Complies with IEC/EN/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
- Two power supplies in parallel provide up to 1700W
- Exclusive design prolongs capacitor lifetime (≥ 5 yrs.)



SPECIFICATION

Model Name		TN17-0850-01	
Output	Rated Power	850 W (with 18.7 CFM fan x 1)	
	Output Voltage	12 Vdc	55 Vdc
	Maximum Output Current	8.34 A	13.63 A
	Over Current Limit	9.1~12.5 A	14.0~18.1 A
	Minimum Output Current	0 A	0 A
	Ripple & Noise	$\leq 1\%$	$\leq 1\%$
	Hold Up Time	≥ 8 ms	
Input	Input Voltage	90~140 Vac, 180~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.9 @100% Load, 115Vac/60Hz	
	Efficiency	$\geq 88\%$ @100% Load, 230Vac/50Hz	
	Inrush Current	≤ 30 A @115Vac/60Hz, 25°C ; ≤ 60 A @230Vac/50Hz, 25°C	
EMC	Surge	4KV (L/N-G), 2KV (L-N)	
	EMI	EN55032, FCC Part 15	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	0~+50 °C	
	Storage Temperature	-40~+80 °C	
	Operating Humidity	20~80 %RH	
	Storage Humidity	5~95 %RH	
	Operating Altitude	5,000 m	
Others	Dimension (W x L x H)	98 x 210 x 33.8 mm (3.86 x 8.27 x 1.33 inch) *The height excludes PCB thickness	
	Mean Time Between Failures	$\geq 100,000$ hours @230Vac/50Hz, 25 °C	
	Certifications	CB, TÜV, UL/cUL	

*Specifications are subject to change without notice

BN20210101

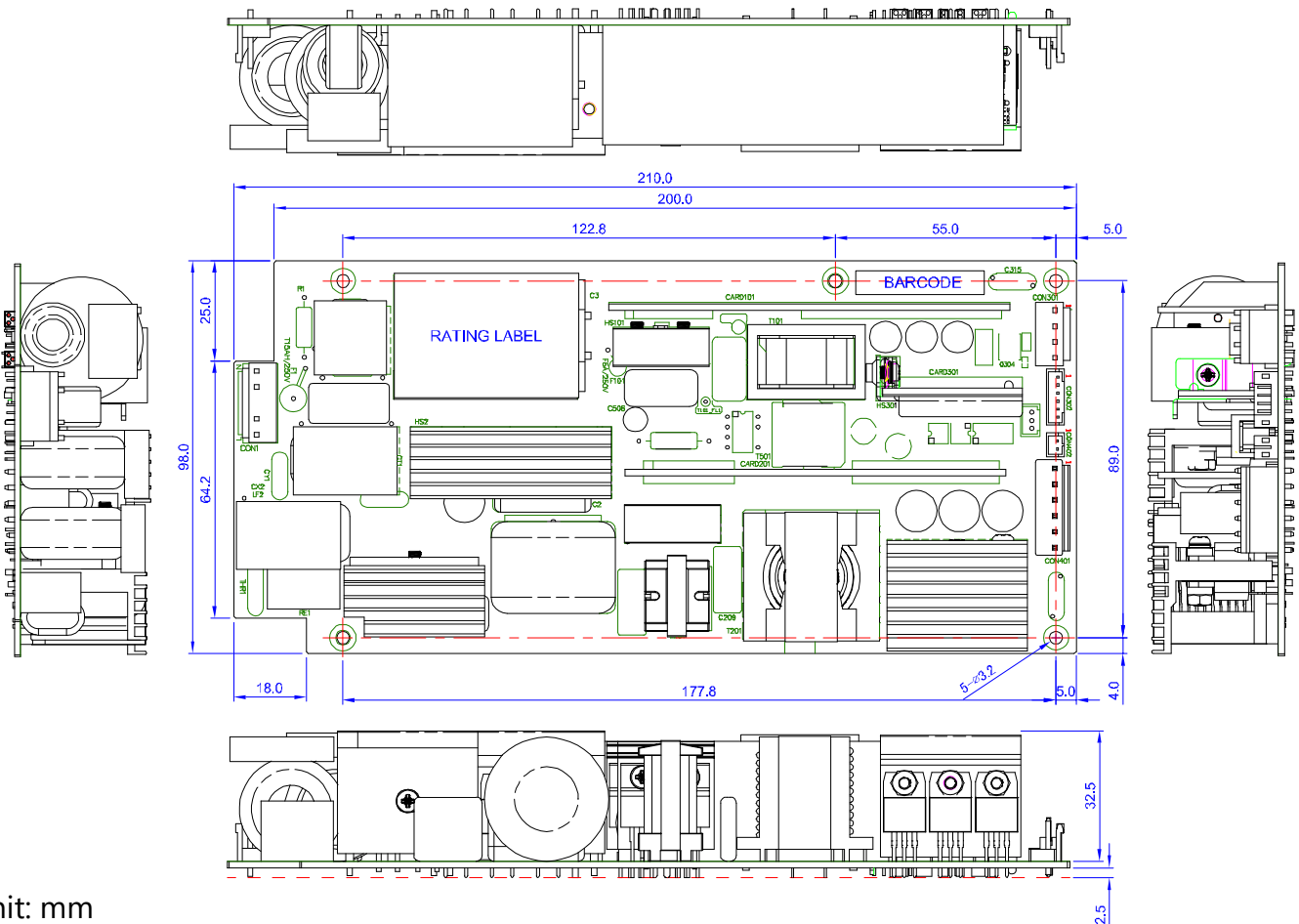


APPLICATION

- 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

BN20210101

