

KEY FEATURES

- Complies with IEC/EN/UL 62368-1 standard
- 200W with natural air convection cooled
- 3" x 5" x 1.3" with low profile size
- High efficiency up to 94%
- No-load power consumption less than 0.21W
- High power density up to 11.33W/in³
- Japanese capacitors improve PSU reliability



SPECIFICATION

Model Name		TN17-0250-12	TN17-0250-24	TN17-0250-48	TN17-0250-55
Output	Rated Power	250 W (with 11.3 CFM fan)			
	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 ± 5%	10.41 A ± 5%	5.20 A ± 5%	4.54 A ± 5%
	Over Current Limit	≤ 27 A	≤ 14 A	≤ 7 A	≤ 6 A
	Minimum Output Current	0.1 A	0.1 A	0.1 A	0.1 A
	Ripple & Noise	≤ 1 %			
	Hold Up Time	≥ 10 ms			
Input	Input Voltage	90~264 Vac			
	Input Frequency	47~63 Hz			
	No-load Power Consumption	≤ 0.21 W			
	Power Factor	≥ 0.95			
	Efficiency	≥ 91.3 %	≥ 94.2 %	≥ 93.9 %	≥ 93.9 %
	Inrush Current	≤ 50 A @120Vac ; ≤ 100 A @240Vac, 25°C			
EMC	Surge	2KV(L/N-G),4KV(L-N)	1KV (L/N-G), 2KV (L-N)		2KV(L/N-G),4KV(L-N)
	EMI	EN55032, FCC Part 15			
	ESD	IEC61000-4-2			
Environmental	Operating Temperature	-20~+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)	76.2 x 127 x 33.4 mm (3 x 5 x 1.3 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

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APPLICATION

- PoE Switch



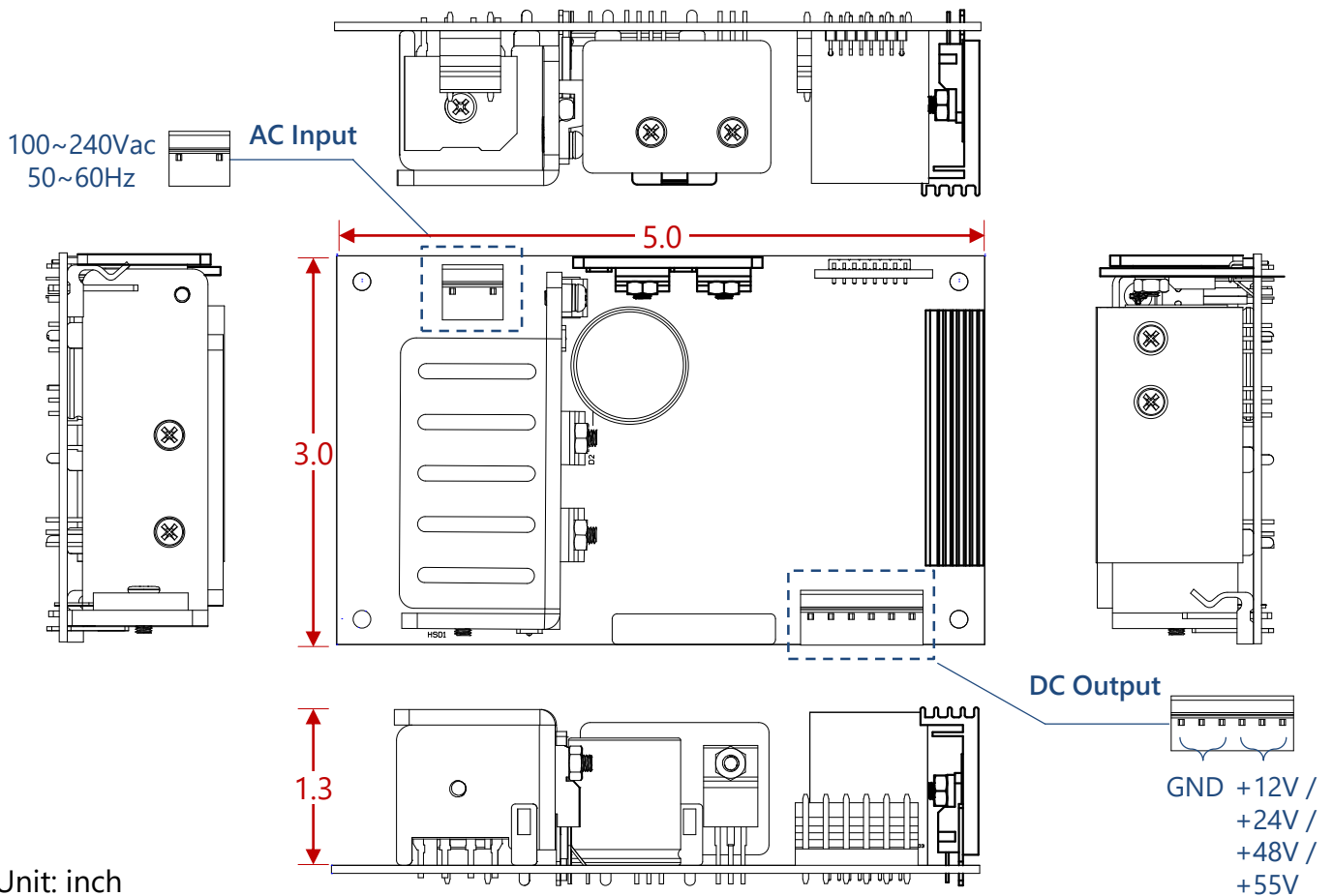
- IP-PBX



- Industrial



MECHANICAL SPECIFICATION



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