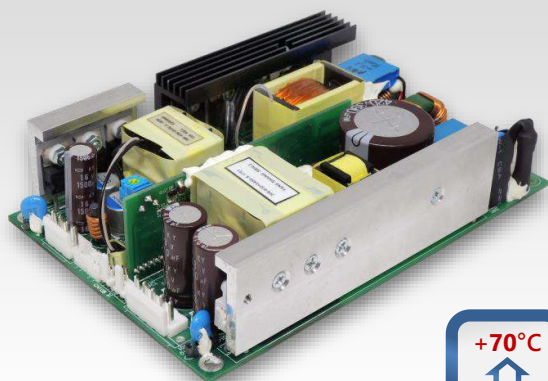
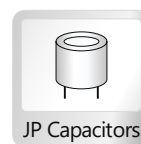




KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- Meets IEEE 802.3af/at/bt PSE requirements
- 4"x6"x1.33" with low profile size
- High efficiency up to 90%
- Two power supplies in parallel provide up to 846W
- 1+1 redundancy design with current sharing
- Exclusive design prolongs capacitor lifetime (≥ 5 yrs.)



SPECIFICATION

Model Name		TN16-0450-01	
Output	Rated Power	470 W (with 22.2 CFM fan x 2)	
	Derating Power	235W@70°C (Derate linearly from 100% load at +50°C to 50% load at +70°C)	
	Output Voltage	12 Vdc	54 Vdc
	Maximum Output Current	8.34 A	8.34 A
	Over Current Limit	≤ 15 A	≤ 12.5 A
	Minimum Output Current	0.1 A	0.1 A
	Ripple & Noise	$\leq 1\%$	
	Hold Up Time	≥ 10 ms @100% Load, 115Vac/60Hz	
Input	Input Voltage	90~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.95 @100% Load, 115Vac/60Hz	
	Efficiency	$\geq 90\%$ @230Vac/50Hz	
	Inrush Current	≤ 60 A @60A/115Vac, 120A/230Vac, 25°C	
EMC	Surge	4KV (L/N-G), 2KV (L-N)	
	EMI	EN55032, FCC Part 15	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	-20~+70 °C	
	Storage Temperature	-40~+80 °C	
	Operating Humidity	20~90 %RH	
	Storage Humidity	5~90 %RH	
	Operating Altitude	5,000 m	
Others	Dimension (W x L x H)	101.6 x 152.4 x 33.8 mm (4 x 6 x 1.33 inch) *The height excludes PCB thickness	
	Mean Time Between Failures	$\geq 100,000$ hours @230Vac/50Hz, 25°C	
	Certifications	CB, UL/cUL, CCC	

*Specifications are subject to change without notice

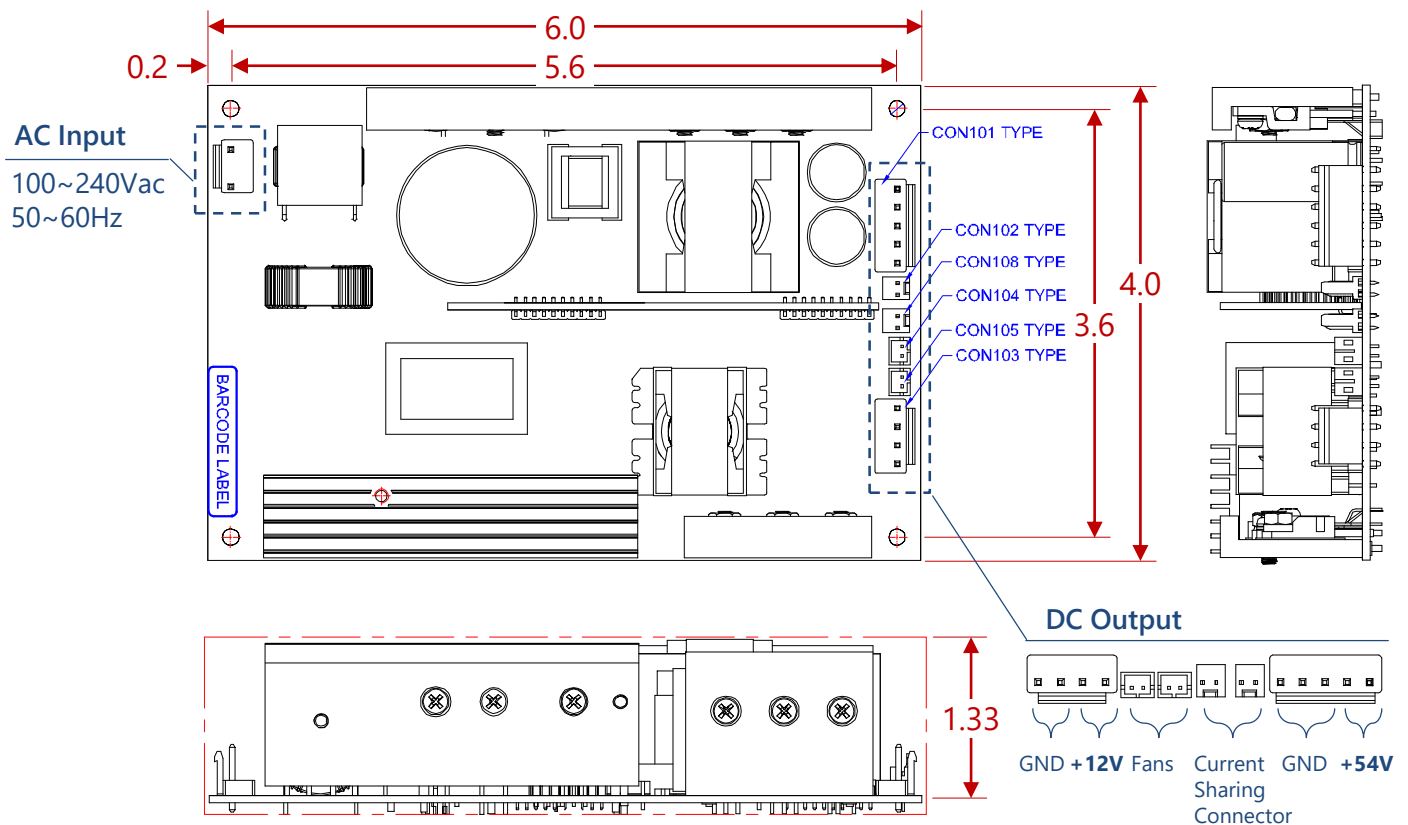
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APPLICATION

- PoE Switch
- IP-PBX
- Industrial



MECHANICAL SPECIFICATION



Unit: inch

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