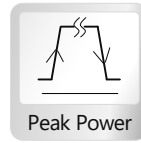


>>> Under Development



KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- 240W with natural air convection cooled
- Withstand high peak power up to 480W@Fanless
- Wide operation temperature from -20°C to +70°C
- Built-in remote power on/off control
- High efficiency (more than 94%)
- Mean Time Between Failures > 900,000 Hrs



SPECIFICATION

Model Name		TN24-0500-12	TN24-0500-24	TN24-0500-36	TN24-0500-42	TN24-0500-48
Output	Rated Power	400W (22CFMx2)	500W (with 22 CFM fan x 2) ; 240W (Fanless)			
	Derating Power (>35 CFM)	200W@70°C	250W@70°C			
	Output Voltage	12 Vdc	24Vdc	36 Vdc	42 Vdc	48 Vdc
	Maximum Output Current	33.33 A	20.84 A	13.89 A	11.90 A	10.42 A
	Over Current Limit	101~135 %				
	Minimum Output Current	0 A				
	High Peak Power (Fanless)	480 W (5s, Dmax=0.4)				
	Ripple & Noise	≤ 1.5%@-20~0 °C ; ≤ 1%@0~+70 °C				
Hold-up Time	≥ 10 ms@100Vac/200Vac, 25 °C					
Input	Input Voltage	85~265 Vac ; 120~370 Vdc				
	Input Frequency	47~63 Hz				
	Power Factor	≥ 0.98@100% Load, 100Vac, 25°C ; ≥ 0.93@100% Load, 200Vac, 25°C				
	Efficiency (240Vac/Fanless)	93 %	94 %	93 %	93 %	94 %
	Inrush Current	≤ 15 A @100Vac, 25°C ; ≤ 30 A @200Vac, 25°C				
EMC	Surge	4KV (L/N-G), 2KV (L-N)				
	EMI	EN55032				
	ESD	IEC61000-4-2				
Environmental	Operating Temperature	-20~+70 °C				
	Storage Temperature	-40~+85 °C				
	Operating Humidity	10~90 %RH				
	Storage Humidity	5~95 %RH				
	Operating Altitude	5,000 m				
Others	Dimension (W x L x H)	84 x 180 x 33 mm (3.31 x 7.09 x 1.3 inch) *The height excludes PCB thickness				
	Mean Time Between Failures	≥ 900,000 hours				
	Certifications	CB, UL/cUL				

*Specifications are subject to change without notice

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APPLICATION

- 3D printing



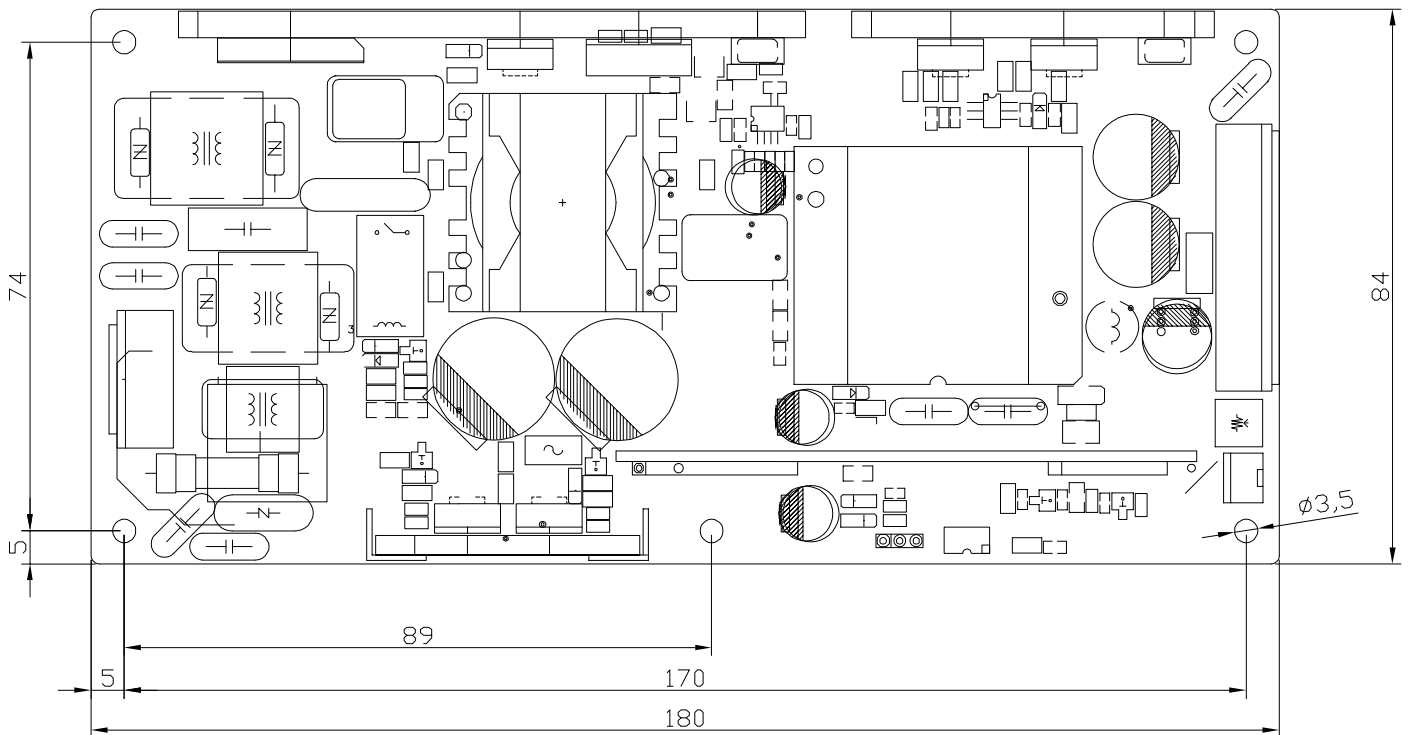
- Telecom



- Industrial



MECHANICAL SPECIFICATION



Unit: mm

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