



>>> Developing



KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- 48/54Vdc PSU meets IEEE 802.3af/at/bt standard
- 300W with natural air convection cooled
- Wide operation temperature from -40~+75°C
- High efficiency (more than 92/94%)
- Mean Time Between Failures > 1,000,000 Hrs
- Japanese capacitors improve PSU reliability



SPECIFICATION

Model Name		TN22-0300-12	TN22-0300-24	TN22-0300-48	TN22-0300-54
Output	Rated Power	300 W @-40~+35°C		300 W @-40~+40°C	
	Derating Power	120 W @70°C		120 W @75°C	
	Output Voltage	12 Vdc	24 Vdc	48 Vdc	54 Vdc
	Maximum Output Current	25 A	12.5 A	6.25 A	5.56 A
	Minimum Output Current	0 A			
	Ripple & Noise	≤ 1%			
	Hold Up Time	≥ 10ms@100% Load			
Input	Input Voltage	90~264 Vac			
	Input Frequency	47~63 Hz			
	Power Factor	≥ 0.98 @100% Load			
	Efficiency	≥ 92 % @240Vac, 25°C		≥ 94 % @240Vac, 25°C	
	Inrush Current	≤ 100 A @240Vac/50Hz, 25°C			
EMC	Surge	4KV (L/N-G), 2KV (L-N)			
	EMI	EN55032			
	ESD	IEC61000-4-2			
Environmental	Operating Temperature	-40~+75 °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)	81.2 x 141 x 40 mm (3.2 x 5.55 x 1.57 inch) ; 1U			
	Mean Time Between Failures	≥ 1,000,000 hours			
	Certifications	Meets CB, TÜV, UL/cUL			

*Specifications are subject to change without notice

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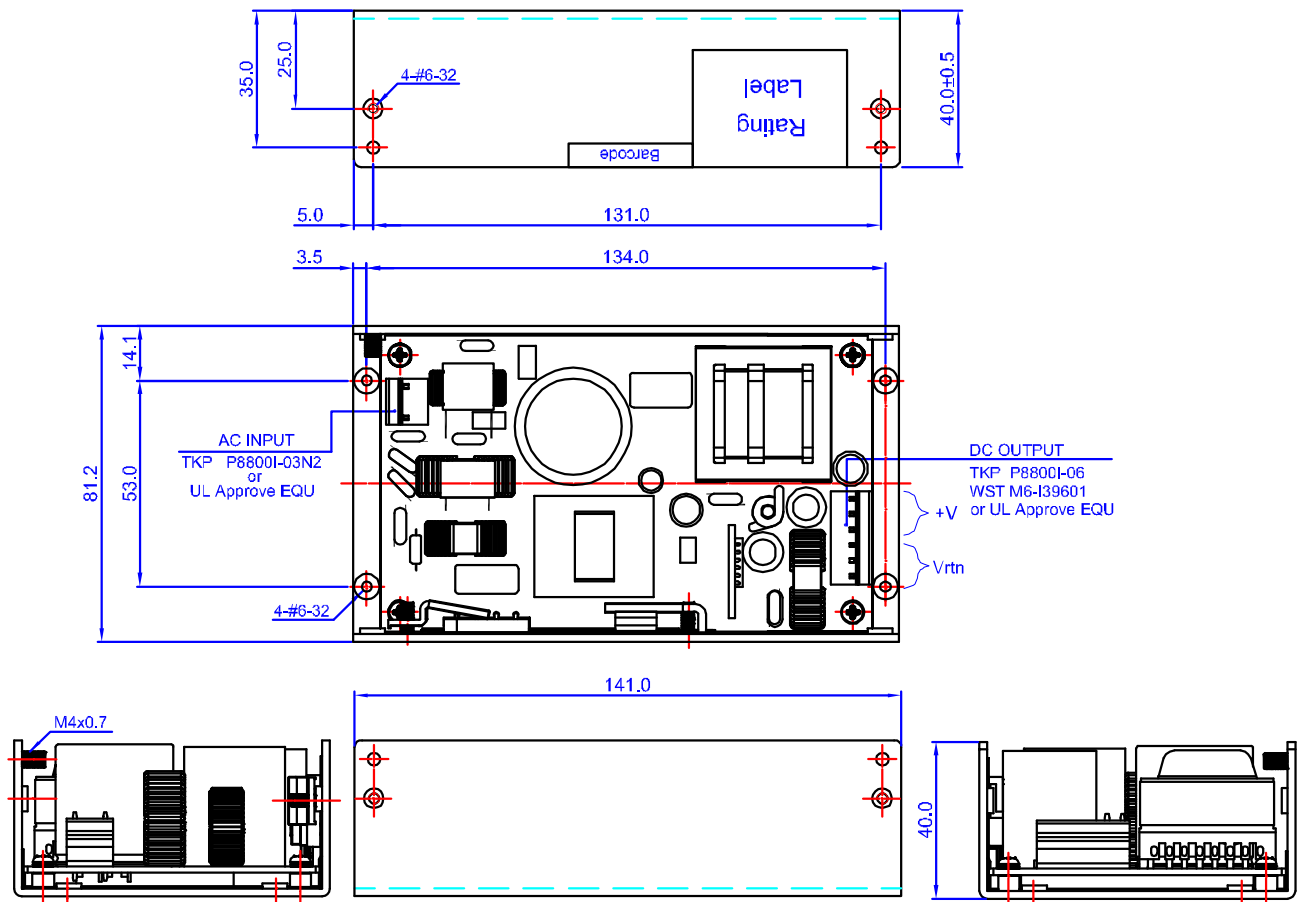


APPLICATION

- PoE Switch (48V/54V)
- Non PoE Switch (12V)
- Industrial (24V)



MECHANICAL SPECIFICATION



Unit: mm

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