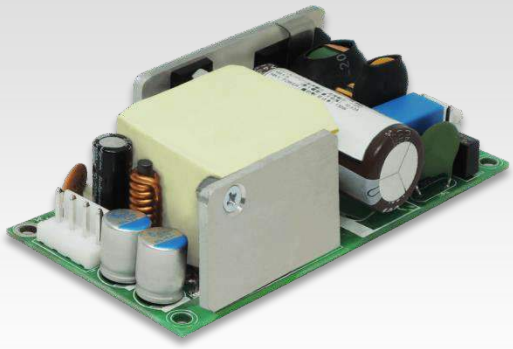
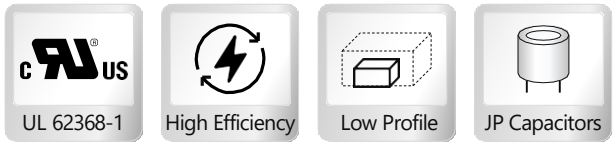


KEY FEATURES

- Complies with IEC/EN/UL 62368-1 standard
- 2" x 4"x 1.25" with low profile size
- High efficiency up to 89%
- No-load power consumption less than 0.5W
- Mean Time Between Failures > 715,000Hrs
- Low EMI design enhance system stability
- Exclusive design prolongs capacitor lifetime (≧5 yrs.)



SPECIFICATION

	Model Name	TN14-0130-12	TN14-0130-24	TN14-0130-27	TN14-0130-57
Output	Rated Power	130 W (with 11.3 CFM fan)			
	Derating Power	65W@70°C (Derate linearly from 100% load at +50°C to 50% load at +70°C)			
	Output Voltage	12 Vdc	24 Vdc	27 Vdc	57 Vdc
	Maximum Output Current	10.9A	5.4 A	4.8 A	2.3 A
	Over Current Limit	110~160 %	110~160 %	110~160 %	110~160 %
	Minimum Output Current	0 A	0 A	0 A	0 A
	Ripple & Noise	≦ 1 %	≦ 1 %	≦ 1 %	≦ 1 %
	Hold Up Time	≧ 10 ms			
Input	Input Voltage	80~264 Vac			
	Input Frequency	47~63 Hz			
	No-load Power Consumption	≦ 0.5 W			
	Efficiency	≧ 88 %	≧ 88 %	≧ 89 %	≧ 87 %
	Inrush Current	≦ 25 A @115Vac ; ≦ 50 A @230Vac, 25°C			
EMC	Surge	2KV (L/N-G), 1KV (L-N)			
	EMI	EN55032, FCC Part 15			
	ESD	IEC61000-4-2			
Environmental	Operating Temperature	0~+70 °C			
	Storage Temperature	-40~+85 °C			
	Operating Humidity	20~90 %RH			
	Storage Humidity	5~90 %RH			
	Operating Altitude	5,000 m			
Others	Dimension (W x L x H)	50.8 x 101.6 x 32.6 mm (2 x 4 x 1.25 inch) *The height excludes PCB thickness			
	Mean Time Between Failures	≧ 715,000 hours			
	Certifications	CB, TÜV, UL/cUL			

*Specifications are subject to change without notice

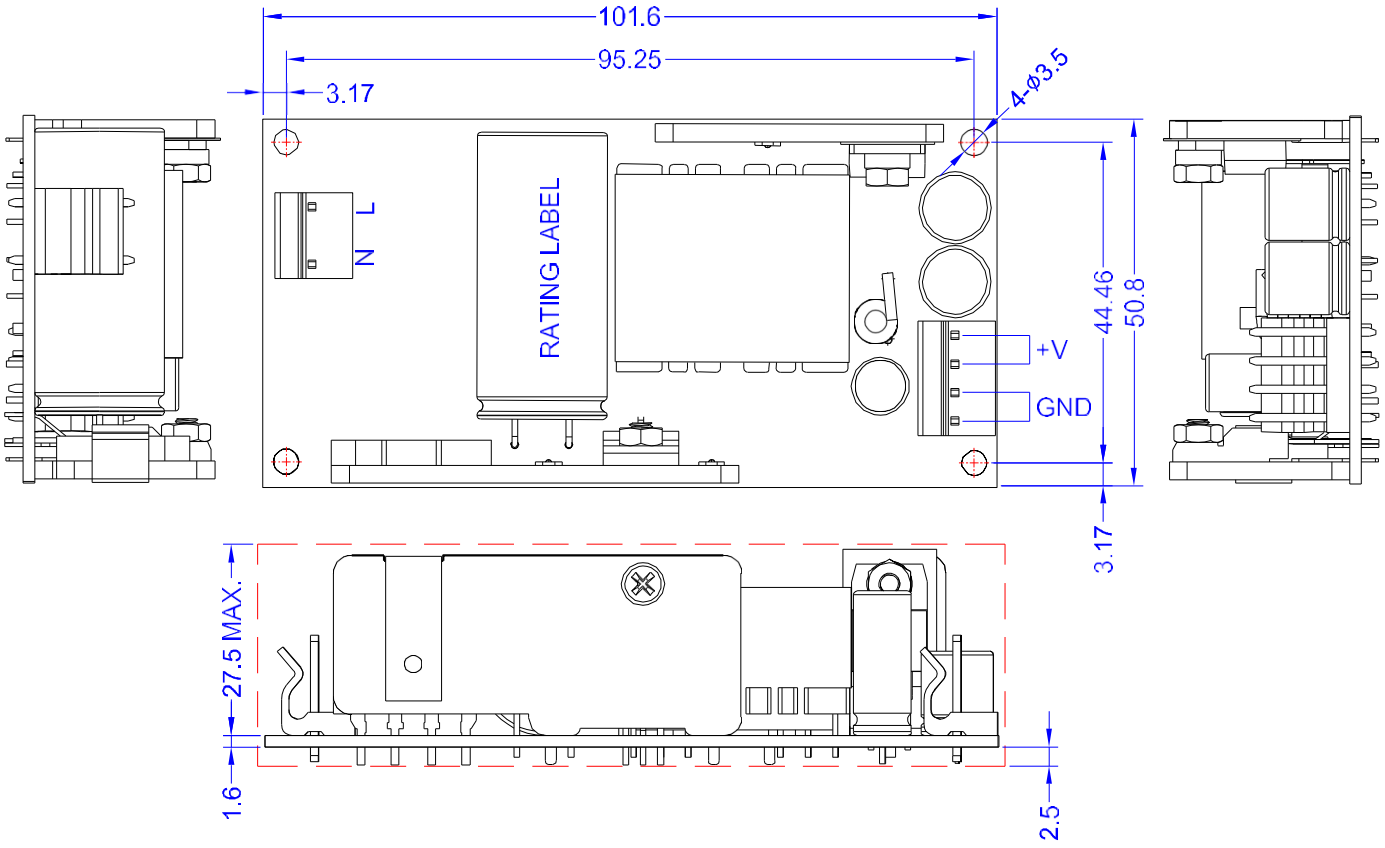
CJ20220826

Copyright © 2022 Lead Year Enterprise Co., Ltd. All rights reserved.

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

CJ20220826

Copyright © 2022 Lead Year Enterprise Co., Ltd. All rights reserved.

CONEXA
TECH SOLUTIONS

Want to know more?

For sales, technical support or additional information please get in touch with our team of experts.

ADDITIONAL SERVICES

We provide an end-to-end service

From the initial consultation and sourcing unique components to supplying bespoke solutions including a full design and build process.

Bespoke services

Customised and curated technology solutions across the full range of Conexa Tech products

Sourcing

A full suite of electronics, cable, and mechanical sourcing capabilities

Design & Build

Development and manufacturing services

hello@conextech.com | +44 118 402 3430

CONEXATECH.COM