

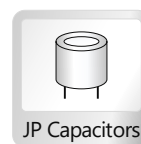


TG14-0950-02
Airflow Out

TG14-0950-03
Airflow In

KEY FEATURES

- Complies with IEC/EN/UL 62368-1 standard
- Meets IEEE 802.3af/at/bt PSE requirements
- Dual outputs with different ground wires
- Digital power management (PMBus)
- N+1 redundancy design with current sharing
- Optional fan airflow direction (airflow out/in)*
- Intelligent thermal fan control



SPECIFICATION

Model Name		TG14-0950-02/03	
Output	Rated Power	950 W	
	Output Voltage	12 Vdc	56 Vdc
	Maximum Output Current	16.7 A	13.4 A
	Over Current Limit	17.5~22.5 A	14.0~18.1 A
	Minimum Output Current	0 A	0 A
	Ripple & Noise	≤ 1 %	≤ 1 %
	Hold Up Time	≥ 8 ms @80% Load	
Input	Input Voltage	90~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.95 @100% Load, 115Vac/60Hz	
	Efficiency	≥ 90%	
	Inrush Current	≤ 30 A @115Vac/60Hz, 25°C ; ≤ 60 A @230Vac/50Hz, 25°C	
EMC	Surge	4KV (L/N-G), 2KV (L-N)	
	EMI	EN55032	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	0~+50 °C	
	Storage Temperature	-40~+80 °C	
	Operating Humidity	20~80 %RH	
	Storage Humidity	5~95 %RH	
	Operating Altitude	5,000 m	
Others	Fan Airflow Direction*	TG14-0950-02: Air Flow Out (AFO) ; TG14-0950-03: Air Flow In (AFI)	
	Dimension (W x L x H)	78 x 230 x 40.5 mm (3.07 x 9.06 x 1.59 inch) ; 1U	
	Mean Time Between Failures	≥ 100,000 hours @230Vac/50Hz, 25°C	
	Certifications	CB, TÜV, UL/cUL, CE, FCC	

*Specifications are subject to change without notice

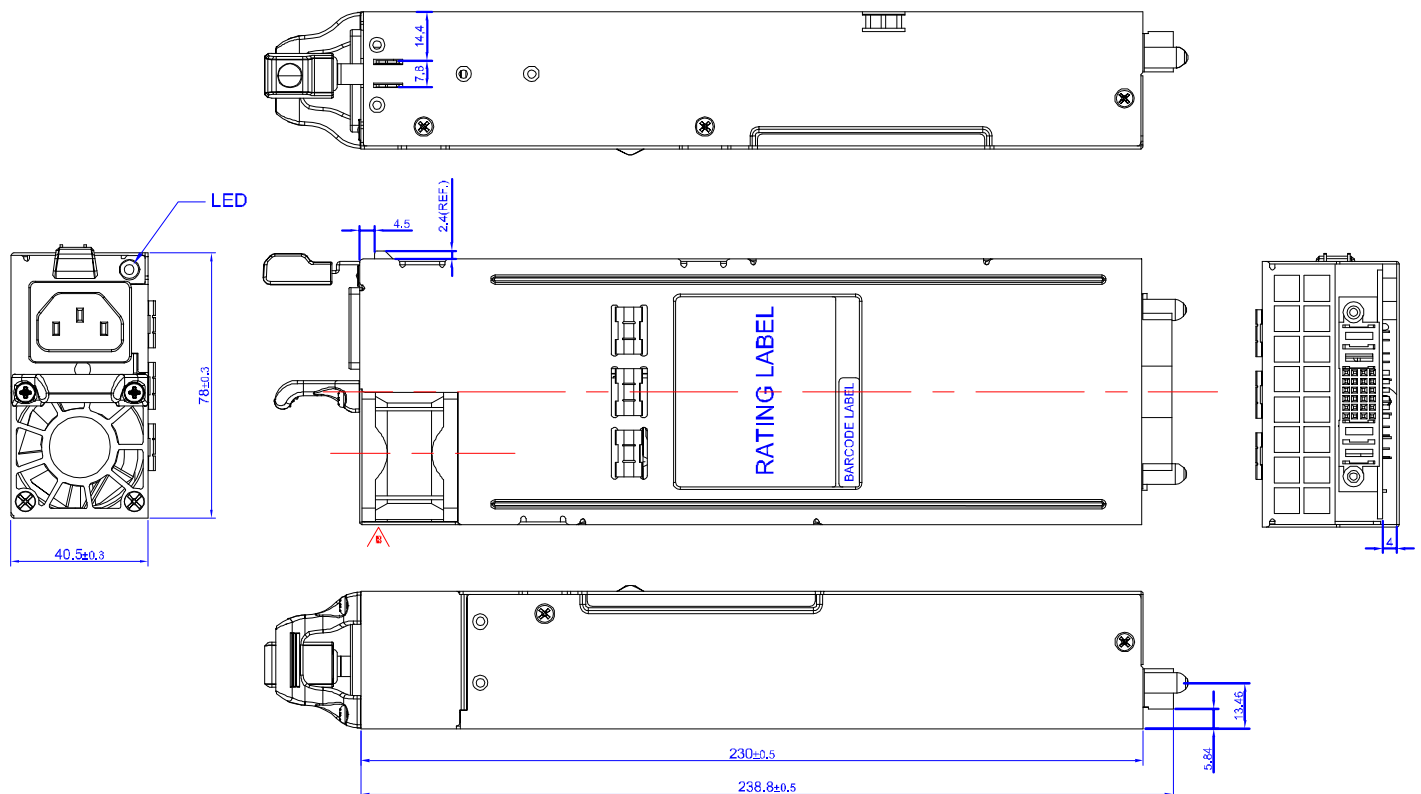
EC20210414

APPLICATION

- PoE Switch
- IP-PBX
- Telecom



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

Email: sales@tigerpower.com