



# TRG60A-POE-L 60W POE ADAPTER

## Features

- \* 60W Single Output
- \* Universal Input Range 90-264VAC
- \* Meet CEC & ErP Level V
- \* Meets EN55022 Class B
- \* Continuous Short Circuit Protection
- \* Over Voltage Protection
- \* Output Lightning Protection



MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF. (Typ.)
TRG60A-POE-L	48V	1.2A	0A	1%	±2%	±1%	±2%	87%

Distributed by: Power Sources Unlimited, Inc., Wrentham, MA Tel: 508-384-1419 | E-mail: sales@psui.com | Website: www.psui.com

Specifications are subject to change without notice.

## Specifications

### INPUT SPECIFICATIONS:

Voltage ..... 90~264Vac  
 Frequency ..... 47 to 63Hz  
 Inrush Current ..... Cold Start@25°C ..... 80A max. @240Vac  
 Leakage Current ..... 1.5mA max.

### OUTPUT SPECIFICATIONS:

Holdup Time ..... 8ms typ. @115Vac  
 Short Circuit Protection ..... (Auto Recovery)  
 Over Current Protection ..... Auto-Recovery  
 Temperature Coefficient ..... ±0.05%/°C

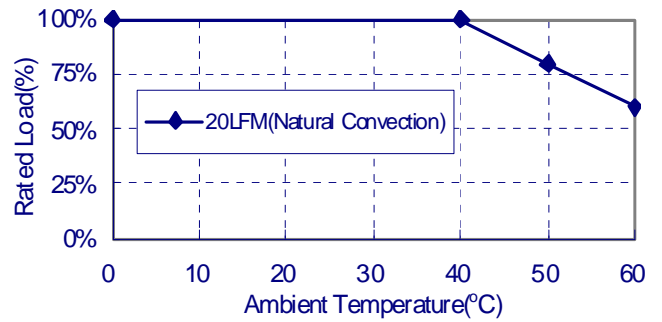
### GENERAL SPECIFICATIONS:

Isolation ..... Input to output = 4,242VDC  
 Switching Frequency ..... 65KHz Typical  
 Operating Temperature ..... 0 ~ 60°C (see Derating Curve)  
 Storage Temperature ..... -25 ~ 85°C  
 Humidity ..... 93% RH max. Non condensing  
 Cooling ..... Natural Convection  
 MTBF ..... MIL-HDBK-217F, GB, 25°C/115VAC ..... 200K hrs min.  
 Altitude ..... 2000m  
 Dimensions ..... 5.906 x2.776x1.378Inches (150.00x70.00x35.00mm)  
 Weight ..... 348g (0.77 Pounds)

### Mechanical Specification:

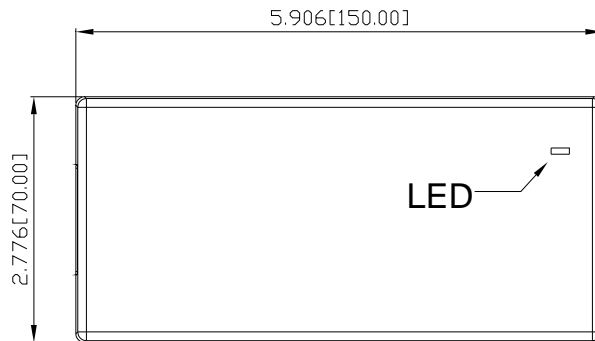
All Dimensions are in inches(mm)  
 Tolerance: Inches: X.XXX±0.02  
 Millimeters: X.XX±0.5

## TRG60A-POE-L Series Derating Curve



### NOTE:

1. Voltage accuracy is set at 60% full load
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac with full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% load)



Data in	Power+	Data out
1. TX(+)		1. TX(+)
2. TX(-)		2. TX(-)
3. RX(+)		3. RX(+)
4. NC		4. DC+
5. NC		5. DC+
6. RX(-)		6. RX(-)
7. NC		7. GND
8. NC		8. GND

