

# TR60A-POE-L

S E R I E S

## 60W POE ADAPTER



**Current Solutions, Inc.™** 800-933-7725  
 Your OEM Power Source  
[www.currentsolutions.com](http://www.currentsolutions.com)



### Features

- 60W Single Output
- Universal Input Range 90-264VAC
- Efficiency to 84% (Min)
- Meets EN55022 Class B
- Continuous Short Circuit Protection
- Over Voltage Protection

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR60A-POE-L	48V	1.2A	0 A	1%	± 2%	± 1%	± 2%

### Specifications

#### INPUT SPECIFICATIONS:

Voltage .....90 ~ 264Vac  
 Frequency .....47 to 63Hz  
 Inrush Current.....50A max. @240Vac  
 Conducted EMI.....CISPR/FCC Class B  
 Isolation .....Input to output =4:242VDC  
 Leakage Current.....1.5mA max

#### OUTPUT SPECIFICATIONS:

Holdup Time .....8mS typ. @115Vac  
 Short Circuit Protection .....Auto- Recovery  
 Over Voltage Protection .....Auto- Recovery

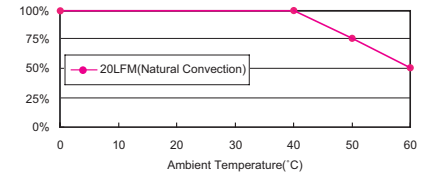
#### ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....0 ~ 60°C  
 Storage Temperature .....-50 ~ 70°C  
 Operating Humidity.....5% ~ 95°C  
 Cooling.....Yes

#### MECHANICAL CHARACTERISTICS:

Dimensions .....150 x 70 x 35mm(5.91 x 2.76 x 1.38 Inches)  
 Weight .....348g (0.77 Pounds)

### TR60A-POE-L Series Derating Curve

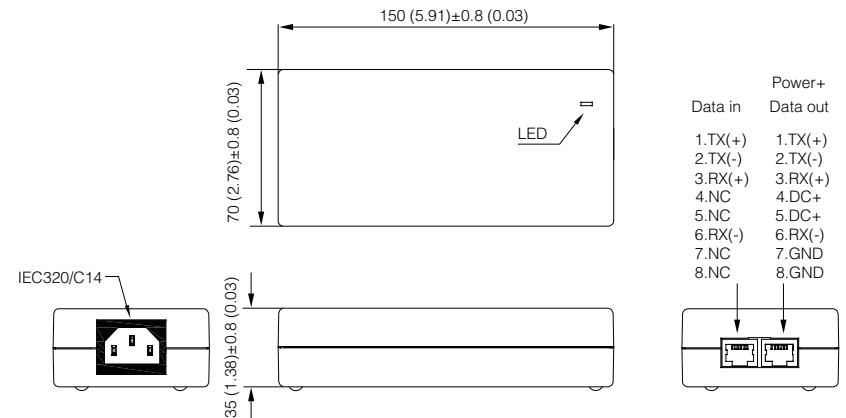


#### NOTE:

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% full load).

### Mechanical Specification

All Dimensions In Inches(mm)  
 Tolerance Inches: xxxx= ±0.02  
 Millimeters: xxx= ±0.5



Typical at 25°C, nominal line and 75% load, unless otherwise Specified

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