



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	150mV	±2%	±1%	±2%	87%

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 $\pm 0.05\%/^{\circ}\text{C}$

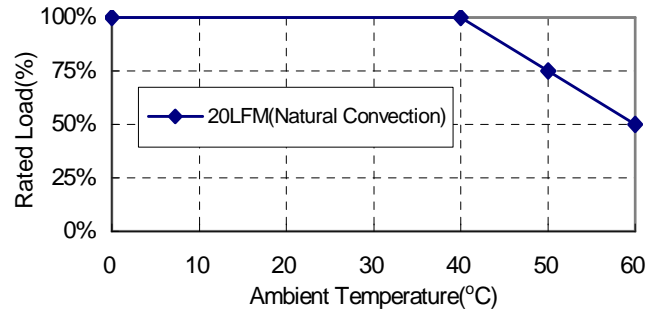
GENERAL SPECIFICATIONS:

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:

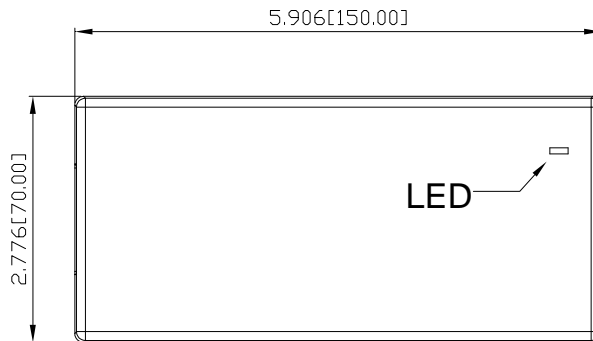
All Dimensions are in inches(mm)
 Tolerance: Inches: X. XXX ± 0.02
 Millimeters: X. XX ± 0.5

TRG60A-POE-L Series Derating Curve

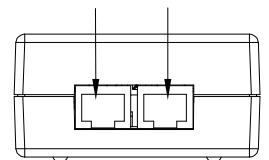
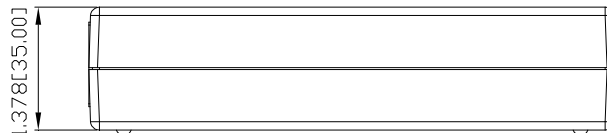
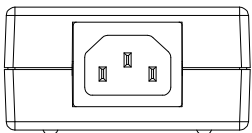


NOTE:

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



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