



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
- * Output Lightning Protection



MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE NOTE 2	VOLTAGE ACCURACY NOET 1	LINE REGULATION NOTE 3	LOAD REGULATION NOTE 4	% EFF. (Typ.) NOTE 5
TRG60A-POE-L	48V	1.2A	150mV	±2%	±1%	±2%	88%

Specifications

INPUT SPECIFICATIONS:

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

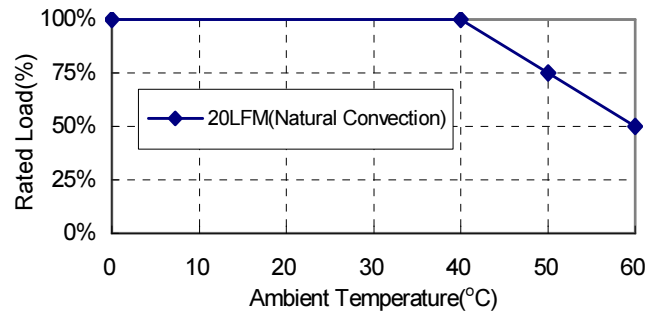
OUTPUT SPECIFICATIONS:

Hold-up 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 = 3000VAC(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 200Khrs min.
 Altitude 2000m
 Dimensions 5.906 x2.776x1.378 inches (150.00x70.00x35.00mm)
 Weight 348g (0.77 Pounds)

TRG60A-POE-L Series Derating Curve

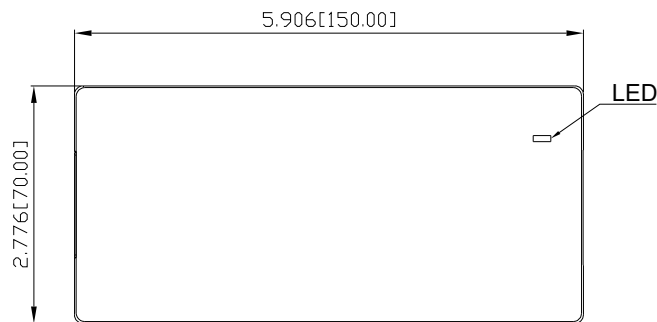


NOTE:

1. Voltage accuracy is set at 60% full load and 25°C Ta.
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).
5. Typical efficiency with 230 VAC and max. load at 25°C.

Mechanical Specification:

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



PIN	Input	PIN	Output
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

