

TRG25

S E R I E S

25W SWITCHING ADAPTER



Features

- Universal Input Range 100-240VAC
- Meets EN55022 Class B and CISPR/FCC Class B, Conducted
- Continuous Short Circuit Protection
- Over Voltage Protection (Option)
- CEC Level IV Compliant (Output Cable Length \leq 1800mm) (TRG25033: Output Cable Length \leq 720mm) (TRG25050: Output Cable Length \leq 1200mm)

Ordering information

TRG25XXX - X	- XX	X	XX
Model No.	AC Plug Type	DC Plug Type	OVP
	A : USA 2 Pin E : Europe 2 Pin U : British 3 Pin S : Australia 2 Pin	* Please see Page 235 for more detailed descriptions	E : With OVP
			DC Cable Length and Type
			01 : 720mm 02 : 1200mm 03 : 1800mm 11 : 720mm with Ferrite Core 12 : 1200mm with Ferrite Core 13 : 1800mm with Ferrite Core * 18AWG / SPT1

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	SWITCHING FREQUENCY	%EFF.
TRG25033	3.3V	4.0A	0 A	50m Vp-p	$\pm 2\%$	$\pm 1\%$	$\pm 6\%$	65KHz Typ.	72% Typ.
TRG25050	5V	4.0A	0 A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 6\%$	65KHz Typ.	75% Typ.
TRG250120	12V	2.1A	0 A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 5\%$	65KHz Typ.	81% Typ.
TRG250150	15V	1.67A	0 A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 3\%$	65KHz Typ.	82% Typ.
TRG250180	18V	1.4A	0 A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	65KHz Typ.	82% Typ.
TRG250240	24V	1.05A	0 A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	65KHz Typ.	84% Typ.

Specifications

INPUT SPECIFICATIONS:

Voltage90 ~ 264Vac
 Frequency47 to 63Hz
 Input Current0.7A max.
 Inrush Current.....50A max. @240Vac
 Conducted EMI.....CISPR/FCC Class B
 IsolationInput to output =4,242VDC
 Leakage Current.....0.25mA max

OUTPUT SPECIFICATIONS:

Holdup Time10ms typ. @115Vac
 Short Circuit ProtectionContinuous (Auto Recovery)
 Over Voltage ProtectionYes

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature0 ~ 40°C
 Storage Temperature-20 ~ 85°C
 Cooling.....Natural Convection

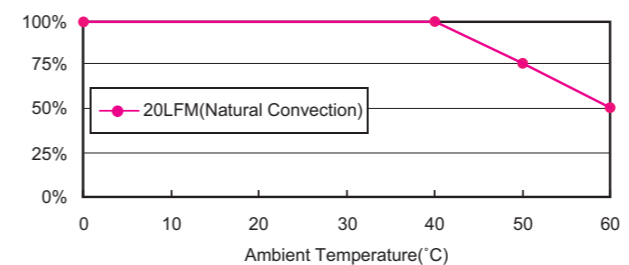
MECHANICAL CHARACTERISTICS:

Dimensions80.50 x 49.06 x 56.00mm(3.169 x 1.932 x 2.205Inches)
 Weight280g (0.62 Pounds)

NOTE:

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

TRG25 Series Derating Curve



Mechanical Specification

All Dimensions In Inches(mm)
 Tolerance Inches: x.xxx= ± 0.02
 Millimeters: x.xx= ± 0.5

FIG.A

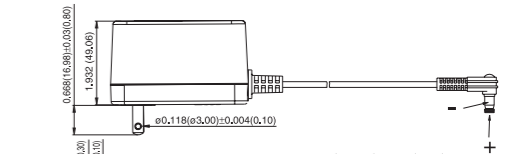


FIG.S

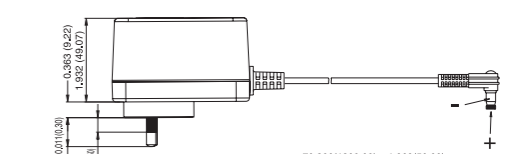


FIG.U

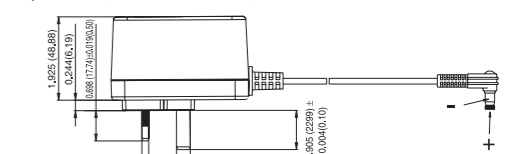


FIG.J

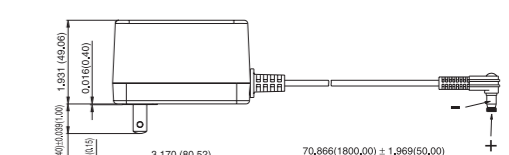


FIG.E

