



15 Watt Switching Adapter Wall Mount, Series DVTRG15



Features

- Universal Input: 90 – 264Vac
- Continuous Short Circuit Protection
- Meets EN55032 Class B and CISPR/FCC Class B
- Over Voltage Protection
- No Load Power Consumption <75mW
- Approved IEC/EN/UL62368-1
- Meet CoC Tier 2 & DoE Level VI
(Output Cable Length ≤1800mm)
(TRG1506: Output Cable Length ≤1220mm)

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT MAX. [A]	OUTPUT CURRENT MIN. [A]	RIPPLE & NOISE [mVp-p] (Note1)	VOLTAGE ACCURACY [%] (Note2)	LINE REG. [%] (Note3)	LOAD REG. [%] (Note4)	EFF. TYP. [%]
TRG1505	5	2,0	0	50	±2	±1	±4	79
TRG1506	6	1,5	0	60	±2	±1	±3	81
TRG1507	7,5	1,6	0	75	±2	±1	±3	83
TRG1509	9	1,4	0	90	±2	±1	±2	83
TRG1512	12	1,0	0	100	±2	±1	±2	83
TRG1512-01	13,6	1,0	0	100	±2	±1	±2	83
TRG1515	15	1,0	0	100	±2	±1	±2	84
TRG1518	18	0,83	0	100	±2	±1	±2	84
TRG1524	24	0,63	0	100	±2	±1	±2	84

- NOTE: 1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
 2. Voltage setpoint at 60% full load.
 3. Line regulation measured from 100Vac to 240Vac full load.
 4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% load).
 5. Average Efficiency measured at 25%,50%,75%,100% load and input voltage is 115Vac / 230Vac.
 6. Typical at 25°C , nominal line and 75% load, unless otherwise specified.

Ordering information

TRG15XX - Model No.	X AC Plug Type A: USA 2 Pin E: Europe 2 Pin U: British 3 Pin S: Australia 2 Pin	-	XX DC Plug Type	E OVP	XX 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 / UL1185 for 5V; 7,5V; 9V *16AWG / UL1185 for 6V *20AWG / UL1185 for 12V; 13,6V; 15V; 18V; 24V
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Specifications are subject to change without notice

INPUT SPECIFICATIONS:

Input Voltage Range 90-264Vac
Frequency 47 to 63Hz
Input Current 0,5A max.
Inrush Current Cold Start @ 25°C 50A max. @ 240Vac
Leakage Current 0,25mA max.

OUTPUT SPECIFICATIONS:

Min. Load 0A
Hold-up Time 10mS typ. @ 115Vac
Short Circuit Protection.....Hiccup Mode (Auto Recovery)
Over Voltage ProtectionHiccup Mode (Auto Recovery)
Temperature Coefficient ±0.05% / °C

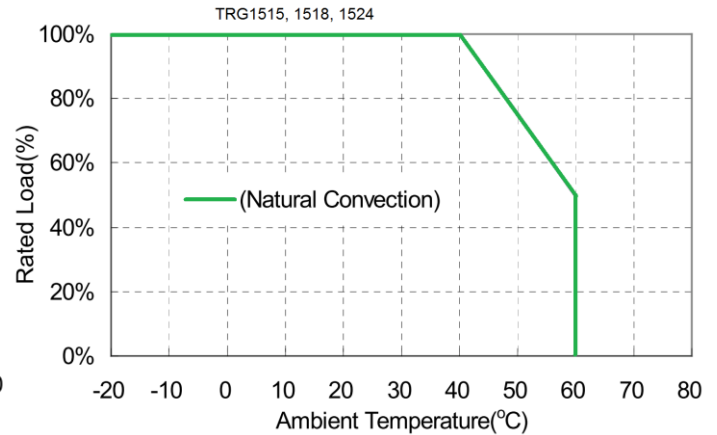
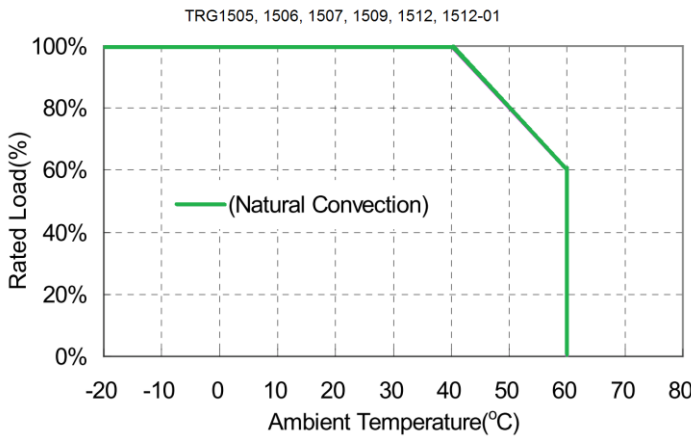
GENERAL SPECIFICATIONS:

Isolation Input/Output 4242VDC
Operating Temperature Range.....-20°C to +60°C
Deratingsee curve
Storage Temperature Range.....-20°C to +85°C
Humidity..... 93% RH max. Non condensing
Cooling Natural Convection
Switching Frequency.... Full Load / 115V85KHz typ.
Full Load / 230V65KHz typ.
MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC.....200K hrs min.
Altitude..... 5000m
Dimensions 72x52x35mm (2,835x2,047x1,378 Inches)
Weight 140g typ.

SAFETY & EMC:

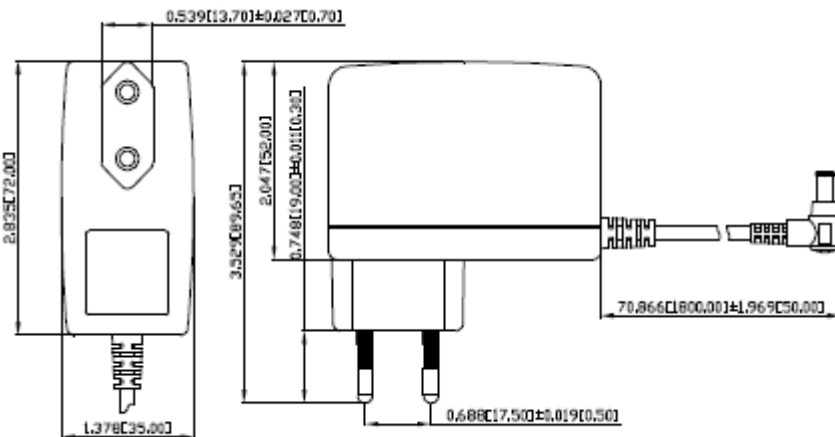
Emission & Immunity EN55032 Class B, FCC Part 15 Class B
EN61000-6-3, EN61000-3-2, EN61000-3-3
EN55024, EN61204-3, EN61000-6-1
Safety.....Class II, IEC/EN/UL60950-1, IEC/EN/UL62368-1

Derating Curve



MECHANICAL SPECIFICATION

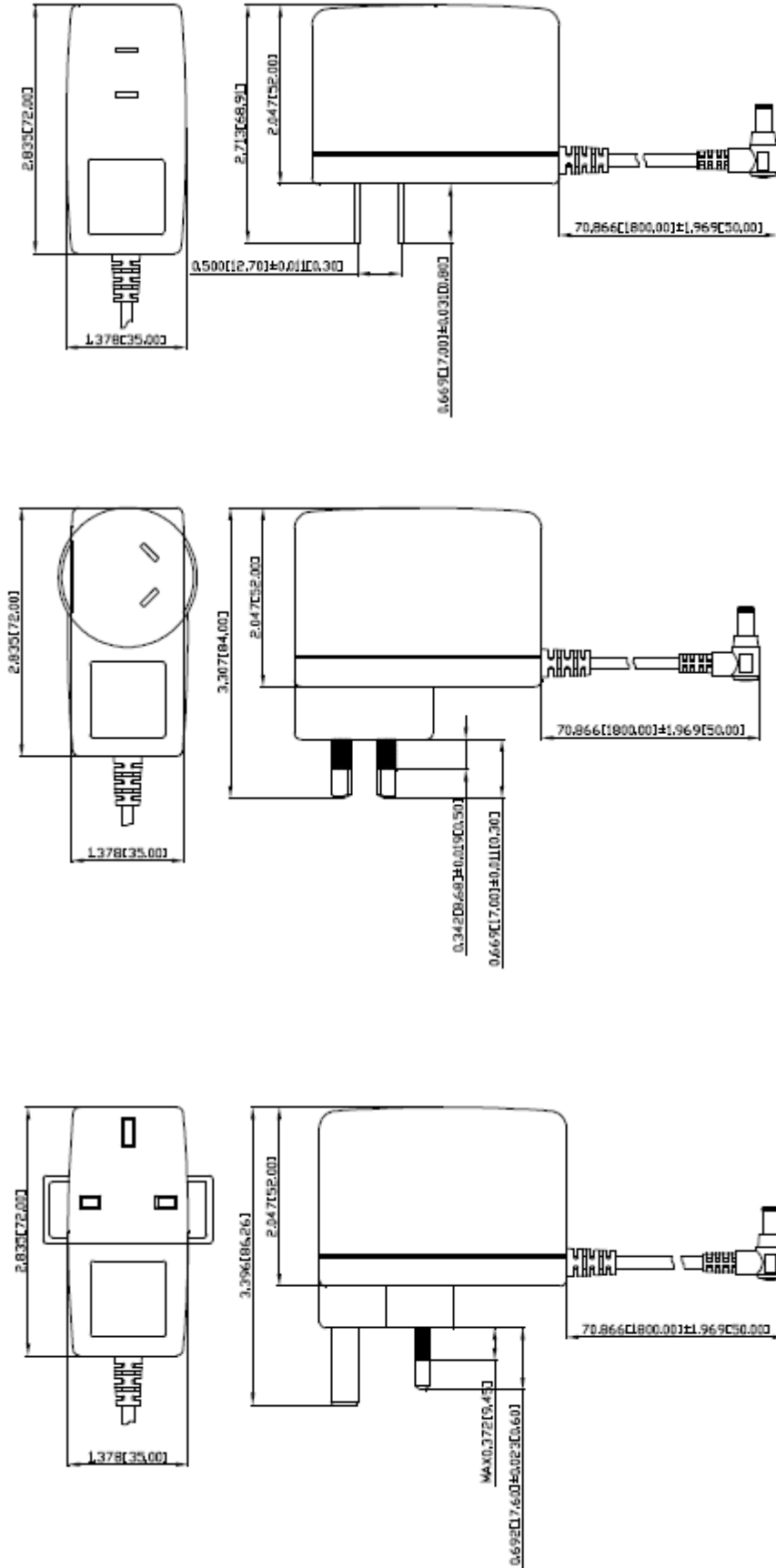
All Dimensions in Inches (mm); Tolerance: Inches: x.xxx=±0.02, mm: x.xx=±0.5



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