



30 Watt Switching Adapter Wall Mount, Series DVTRG30RV



Features

- Universal Input Range: 90 – 264Vac
- Interchangeable AC Plugs
- Continuous Short Circuit Protection
- Meets EN61204-3 Class B and CISPR/FCC Class B
- Over Voltage Protection
- Meet CoC Tier 2 & DoE Level VI
(Output Cable Length \leq 1800mm)
- No Load Power Consumption < 75mW
- Approved IEC/EN/UL62368-1

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	MAX. LOAD [A]	RIPPLE & NOISE [mVp-p] Note1	VOLTAGE ACCURACY [%] (Note2)	LINE REGULATION [%] (Note 3)	LOAD REGULATION [%] (Note4)	EFF. TYP. [%] (Note5)
TRG30R050V	5	4,0	50	± 2	± 1	± 6	83
TRG30R090V	9	3,0	90	± 2	± 1	± 3	87
TRG30R120V	12	2,5	100	± 2	± 1	± 2	87
TRG30R150V	15	2,0	100	± 2	± 1	± 2	87
TRG30R180V	18	1,67	100	± 2	± 1	± 2	87
TRG30R240V	24	1,25	100	± 2	± 1	± 2	87

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

TRG30RXXXV - Model No.	XX DC Plug Type	E OVP	XX DC Cable Length and Type 01: 720mm 02: 1220mm 03: 1800mm 11: 720mm with Ferrite Core 12: 1220mm with Ferrite Core 13: 1800mm with Ferrite Core *18AWG / UL1185 *16AWG / UL1185 for 5V / 9V	- -	XX Color of Overmold Case BE: Blue GY: Gray RD: Red PE: Purple OR: Orange	- -	BK
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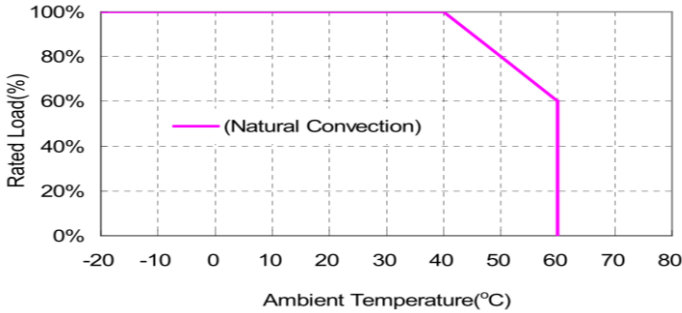
INPUT SPECIFICATIONS:

Input Voltage Range 90-264Vac
 Frequency 47 to 63Hz
 Input Current 0,8A max.
 Inrush Current Cold start@25°C 100A max. @240Vac
 Leakage Current 0,25mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time 10mS typ. @115Vac
 Short Circuit Protection Hiccup Mode (Auto Recovery)
 Over Voltage Protection Latch

DERATING CURVE:



GENERAL SPECIFICATIONS:

Isolation Input/Input (4,242VDC)
 Operating Temperature Range -20°C to +60°C (see Derating Curve)
 Storage Temperature Range -20°C to +85°C
 Humidity 93% RH max. Non condensing
 Cooling Natural Convection
 Switching Frequency 70KHz typ.
 MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC 200K hrs min.
 Altitude 5000m
 Dimensions 107,77x57,60x33,50mm (4,243x2,267x1,319 Inches)
 Weight 300g typ.

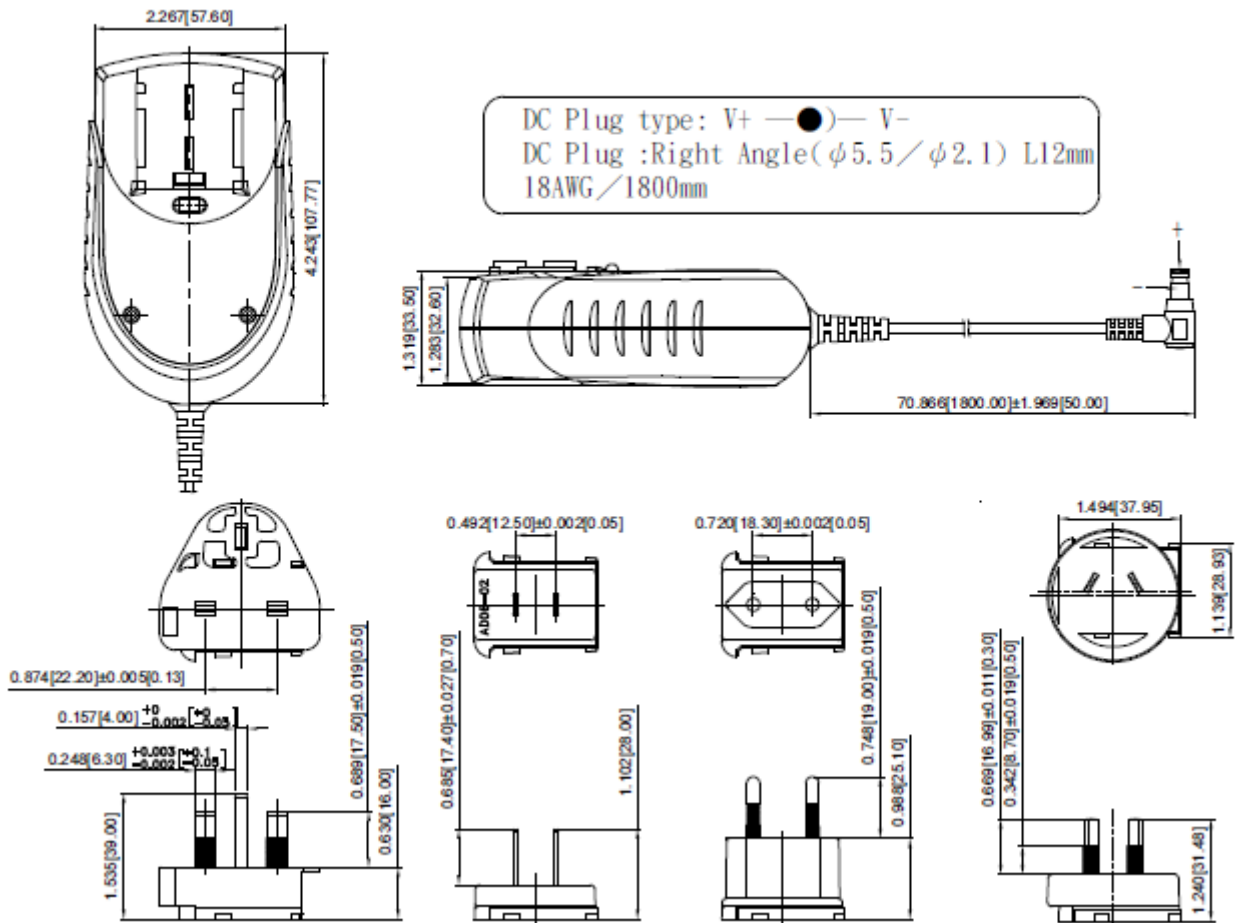
SAFETY & EMC:

Emission & Immunity FCC CFR Title 47 Part15 Subpart B
 EN61204-3, EN61000-3-2, EN61000-3-3
 Safety Class II, IEC/EN/UL60950-1 & IEC/EN/UL62368-1

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

MECHANICAL SPECIFICATION

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



Technische Änderungen vorbehalten / Technical change reserved