



36 Watt Switching Adapter Desk Top , Series DVTRG36A



Features

- Universal Input Range 90-264VAC
- Meets EN55032 Class B and CISPR/FCC Class B
- Continuous Short Circuit Protection
- Leakage Current 0,25mA Max.
- Over Voltage Protection
- No Load Power Consumption <75mW
- Meet CoC V5 Tier 2 & DoE Level VI
(Output cable length \leq 1800mm)
(TRG36A09: Output Cable Length \leq 1220mm)
(TRG36A05: Output Cable Length \leq 720mm, 18AWG/UL2464)
- Approved IEC/EN/UL62368-1

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [A]	RIPPLE & NOISE [%] NOTE1	VOLTAGE REGULATION [%] NOTE2	LOAD REGULATION [%] NOTE3	LOAD REGULATION [%] NOTE4	EFF. TYP. [%] NOTE5
TRG36A05	5	4,0	1	± 2	± 1	± 6	83
TRG36A09	9	3,0	1	± 2	± 1	± 5	87
TRG36A12	12	2,5	1	± 2	± 1	± 5	87
TRG36A13	13,5	2,4	1	± 2	± 1	± 5	87
TRG36A15	15	2,4	1	± 2	± 1	± 3	88
TRG36A18	18	2,0	1	± 2	± 1	± 2	88
TRG36A24	24	1,5	1	± 2	± 1	± 2	88
TRG36A48	48	0,75	1	± 2	± 1	± 2	88

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

Ordering information

TRG36AXX - Model No.	XX DC Plug Type	E with 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

INPUT SPECIFICATIONS:

Input Voltage Range..... 90-264Vac
 Frequency..... 50 to 60Hz
 Inrush Current..... 60A max. @240Vac
 Leakage Current..... 0,25mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time..... 8mS typ. @115Vac
 Short Circuit Protection..... Continuous (Auto Recovery)
 Over Voltage Protection..... TVS Component to Clamp
 Temperature Coefficient..... ±0,05%/°C

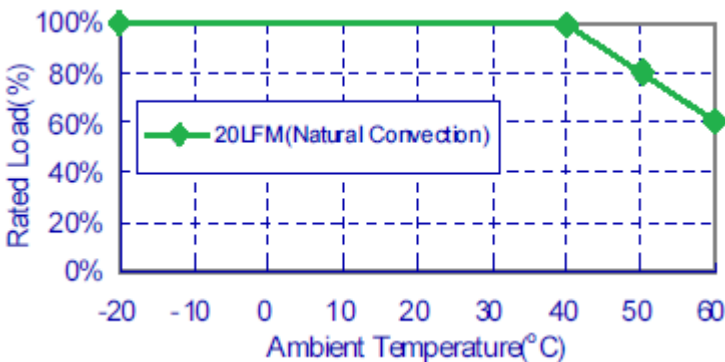
GENERAL SPECIFICATIONS:

Isolation Input to output = 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..... 67KHz typ.
 MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC)..... 200K hrs min.
 Altitude..... 2000m
 Dimensions..... 111x51x22,50mm (4,370x2,008x0,886 Inches)
 Weight..... 190g typ.
 AC Inlet..... IEC320/C8

SAFETY & EMC:

Emission & Immunity..... EN55032 Class B, FCC Part15 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: mm: x.xx=±0.5, Inches: x.xxx=±0.02

