



70 Watt Switching Adapter Desk Top, Series DVTRG70



Features

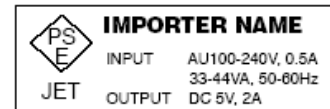
- Universal Input: 90 – 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class B and CISPR/FCC Class B
- Over Voltage Protection
- Meet CEC Level V (Output Cable Length ≤1800mm)
(TRG70A120: Output cable length ≤720mm 16AWG)
(TRG70A150: Output cable length ≤1220mm 16AWG)



MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [A]	RIPPLE & NOISE [%]	VOLTAGE SETPOINT [%]	LOAD REGULATION [%]	EFF. MIN. [%]
TRG70A120	12	5,5	1	±2	±5	85
TRG70A150	15	4,6	1	±2	±3	85
TRG70A180	18	3,9	1	±2	±2	85
TRG70A190	19	3,7	1	±2	±2	85
TRG70A240	24	3,0	1	±2	±2	86
TRG70A480	48	1,5	1	±2	±2	87

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

- NOTE:
1. Voltage setpoints at 60% full load.
 2. Add a 0,1µF ceramic capacitor and a 10µF E.L. capacitor to output for ripple & noise measurement @20MHz BW
 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. "Various DVTR Series adapters are PSE certified. PSE certification alone is not sufficient for Importation into Japan. A valid PSE mark must contain the name of the importer as shown in the example below. Of PSE is required, the name of the registered importer must be supplied to dev on order placement . Product labels will not contain PSE mark if importer name is not supplied. Consult factory or local representative for details"



Ordering information

TRG70AXXX - Model No.	XX DC Plug Type	X E: With 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
--------------------------	--------------------	------------------	---

INPUT SPECIFICATIONS:

Input Voltage Range..... 90-264Vac
 Frequency 50 to 60Hz
 Inrush Current 80A max. @240Vac
 Conducted EMI CISPR/FCC Class B
 Leakage Current..... 3,5mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time..... 8mS typ. @115Vac
 Short Circuit Protection..... Continuous
 Over Voltage Protection YES
 Temperature Coefficient..... $\pm 0,05\%/^{\circ}\text{C}$
 Line Regulation $\pm 1\%$

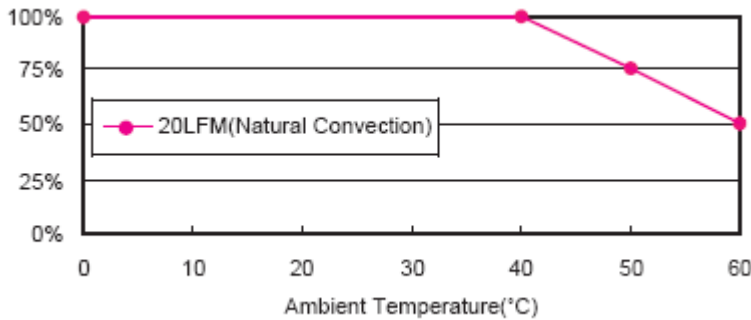
GENERAL SPECIFICATIONS:

Isolation Input/Output 4242VDC
 Operating Temperature Range 0°C to +60°C
 Derating see curve
 Storage Temperature Range -20°C to +85°C
 Humidity 93% RH max. Non condensing
 Cooling Natural Convection
 Switching Frequency 60KHz typ.
 MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC) 200K hrs min.
 Altitude 2000m
 Dimensions 132x58x30,50mm (5,197x2,283x1,201 Inches)
 Weight..... 345g
 AC Inlet IEC320/C14

SAFETY & EMC:

Emission & Immunity EN55022 Class B, FCC Part15 Class B
 EN61000-6-3, EN61000-3-2, EN61000-3-3
 EN55024, EN61204-3, EN61000-6-1
 Safety IEC60950-1, EN60950-1, UL60950-1

Derating Curve

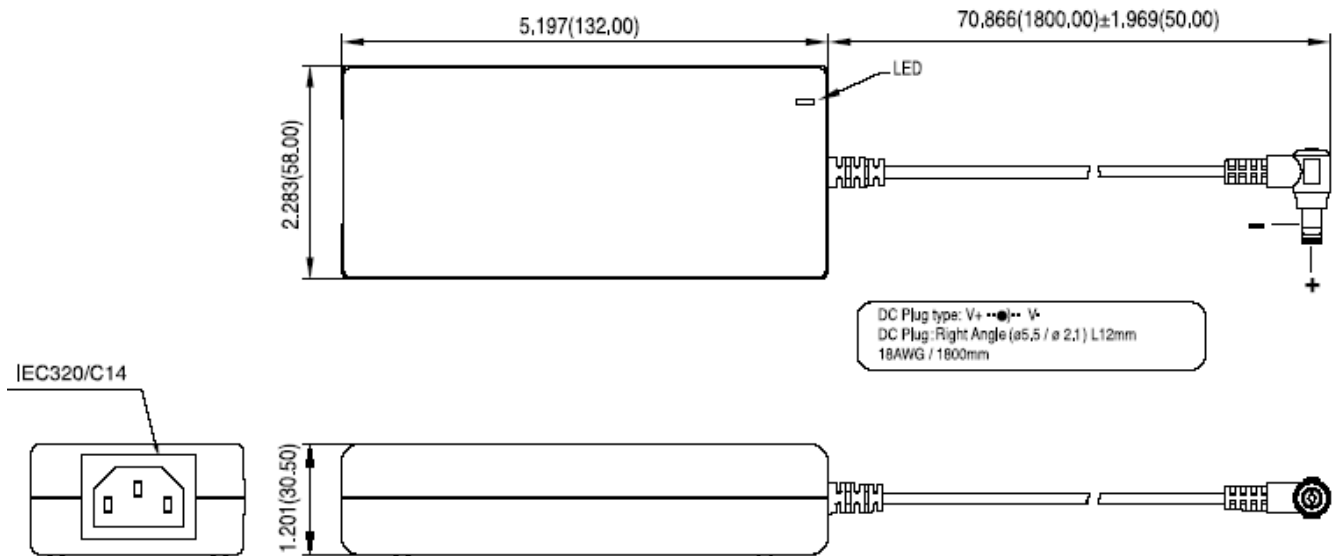


Typical at 25°C, nominal line and 75% load, unless otherwise specified.

MECHANICAL SPECIFICATION

All dimensions in Inches (mm)

Tolerance: mm: x.xx=±0.5, Inches: x.xxx=±0.02



Technische Änderungen vorbehalten / Specifications are subject to change without notice