

# TR36

36W SWITCHING ADAPTER



## Features

- Universal Input: 90 - 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", conducted
- High Efficiency, 85% Typical

## Specifications

### INPUT CHARACTERISTICS:

Voltage ..... 90 - 264Vac  
 Frequency ..... 47 to 63Hz  
 Inrush Current ..... 50A Max. @ 264Vac  
 Conducted EMI ..... CISPR/FCC Class B  
 Isolation ..... Input to output -4,242Vdc  
 Leakage Current ..... 0.25mA max.

### ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature ..... 0 - 40C  
 Storage Temperature ..... -20 - 85C

### OUTPUT CHARACTERISTICS:

Holdup Time ..... 8mS typ. @ 115Vac  
 Short Circuit Protection ..... Continuous  
 Over Voltage Protection ..... Option

### MECHANICAL CHARACTERISTICS:

Dimensions ..... 4.33x 1.96 x 0.78 Inches  
 Weight ..... 0.44 Pounds  
 AC Inlet ..... IEC320/C8

Typical at 25C, nominal line and 75% load, unless otherwise Specified

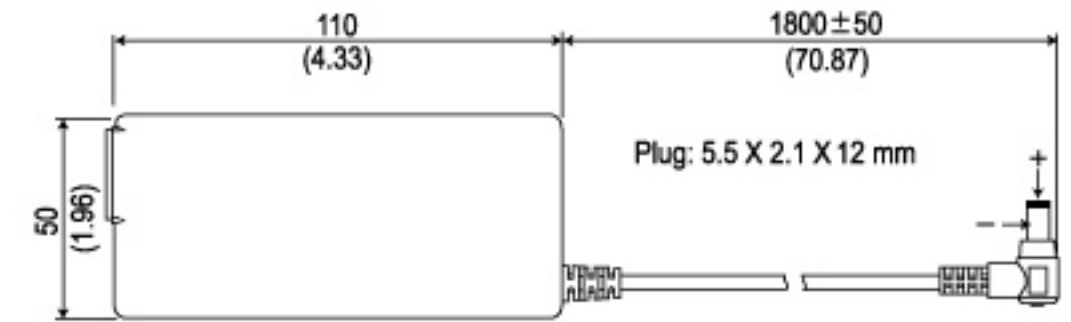
MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
TR36A05	5 V	4.0 A	1%	+/- 2%	+/- 1%	+/- 6%
TR36A09	9 V	3.0 A	1%	+/- 2%	+/- 1%	+/- 5%
TR36A12	12 V	2.5 A	1%	+/- 2%	+/- 1%	+/- 5%
TR36A13	13.5 V	2.4 A	1%	+/- 2%	+/- 1%	+/- 5%
TR36A15	15 V	2.4 A	1%	+/- 2%	+/- 1%	+/- 3%
TR36A18	18 V	2.0 A	1%	+/- 2%	+/- 1%	+/- 2%
TR36A24	24 V	1.5 A	1%	+/- 2%	+/- 1%	+/- 2%
TR36A48	48 V	0.75A	1%	+/- 2%	+/- 1%	+/- 2%

### NOTE:

1. Voltage setpoint at 60% load.
2. Add a 0.1uF ceramic capacitor and a 10uF 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 (80% +/- 40% full load)

## Mechanical Specification

Unit: mm (in)



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