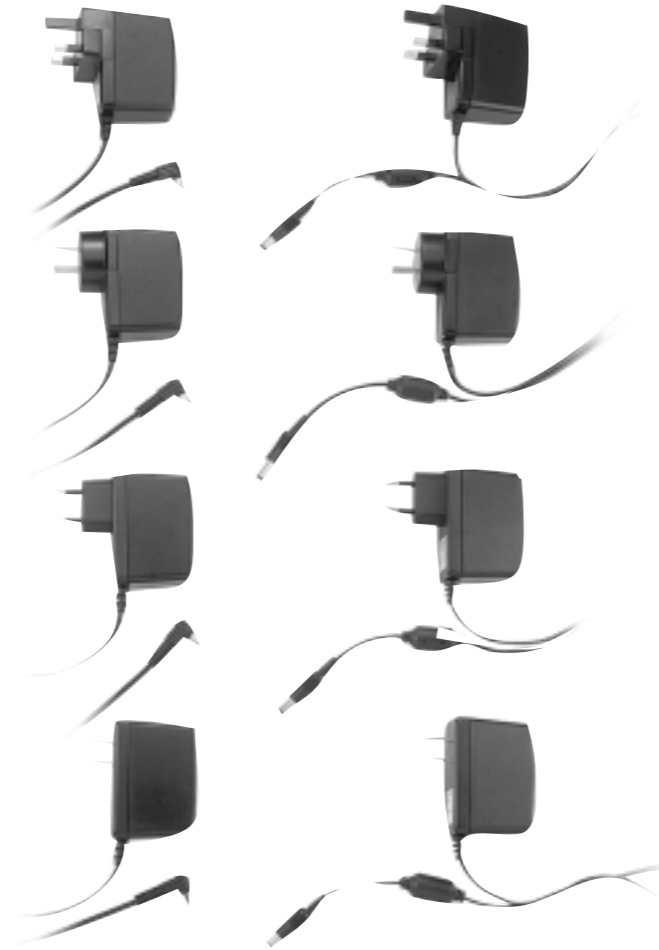


# TR500

## 6W SWITCHING ADAPTER



### Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", Conducted
- Low Cost

### Specifications

#### INPUT CHARACTERISTICS:

Voltage .....90 ~ 264Vac  
 Frequency .....47 to 63Hz  
 Input Current .....0.5A max.  
 Inrush Current.....30A max. @ 264Vac

#### ENVIRONMENTAL CHARACTERISTICS:

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

#### OUTPUT CHARACTERISTICS:

Holdup Time ..... 10mS typ. @ 115Vac  
 Short Circuit Protection ..... Continuous (Auto Recovery)  
 Over Current Protection .....Constant Current type

#### MECHANICAL CHARACTERISTICS:

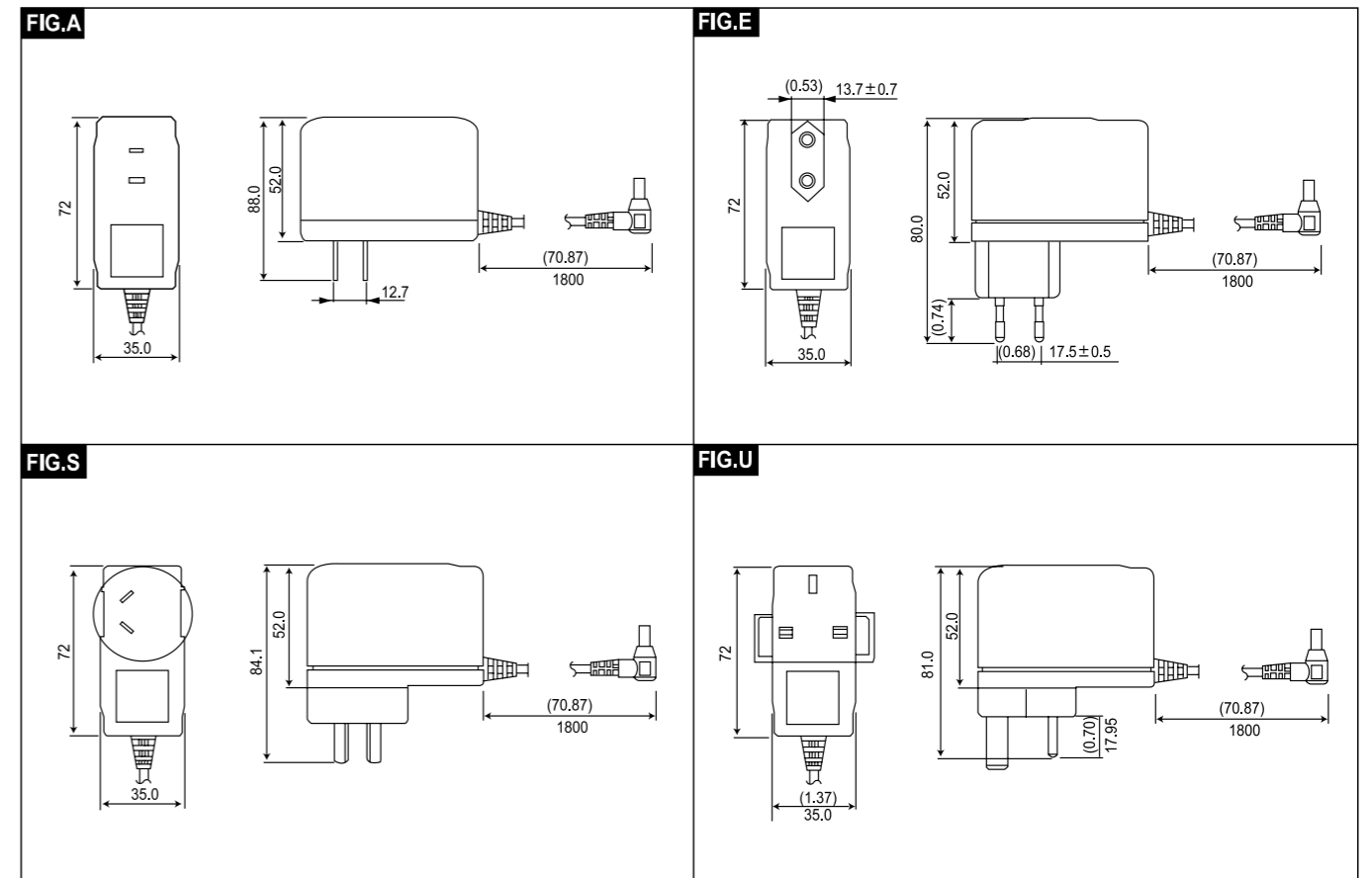
Dimensions ..... 2.83x 2.05 x 1.37 Inches  
 Weight .....0.29 Pounds

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
TR 501	12V	500mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 502	10V	600mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 503	9V	650mA	1%	+/- 3%	+/- 1%	+/- 2%
TR 506	8V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 507	7.5V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 508	7.0V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 510	6.5V	650mA	1%	+/- 3%	+/- 1%	+/- 3%
TR 511-1	6.0V	1000mA	1%	+/- 3%	+/- 1%	+/- 4%
TR 513-1	5.0V	1200mA	1%	+/- 3%	+/- 1%	+/- 4%
TR514	4.2V	1000mA	1%	+/- 3%	+/- 1%	+/- 4%

#### NOTE:

1. Voltage setpoint 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)

### Mechanical Specification



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