

# TR10R

## 10W SWITCHING ADAPTER



### Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency, 75% Typical
- AC Plug Can Be Change

### Specifications

#### INPUT CHARACTERISTICS:

Voltage .....90 ~ 264Vac  
 Frequency .....47 to 63Hz  
 Input Current .....0.4A 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 1.81 x 1.38 Inches  
 Weight .....0.29 Pounds

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR10R033	3.3 V	1600mA	0 A	50mV	± 3%	± 1%	± 4%
TR10R050	5 V	1600mA	0 A	50mV	± 2%	± 1%	± 4%
TR10R060	6 V	1500mA	0 A	1%	± 2%	± 1%	± 3%
TR10R075	7.5 V	1200mA	0 A	1%	± 2%	± 1%	± 3%
TR10R090	9 V	1100mA	0 A	1%	± 2%	± 1%	± 2%
TR10R120	12 V	850mA	0 A	1%	± 2%	± 1%	± 2%
TR10R136	13.6 V	750mA	0 A	1%	± 2%	± 1%	± 2%
TR10R150	15 V	700mA	0 A	1%	± 2%	± 1%	± 2%
TR10R180	18 V	550mA	0 A	1%	± 2%	± 1%	± 2%
TR10R240	24 V	400mA	0 A	1%	± 2%	± 1%	± 2%

#### NOTE:

1. Voltage setpoint at 60% 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

