



AC/DC Plug-in Adaptors (universal input)

TR10

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

Output Characteristics

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

Environmental Characteristics

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

Mechanical Characteristics

Dimensions	7,18 x 4,59 x 3,50 cm³
Weight	141 grams

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

Model	Output Voltage	Max. Load	Min. Load	Ripple & Noise	VOLTAGE	Line Regulation	Load Regulation
TR10R033	3.3V	1600mA	0A	50mV	+/-3%	+/-1%	+4%
TR10R050	5V	1600mA	0A	50mV	+/-3%	+/-1%	+4%
TR10R060	6V	1500mA	0A	1%	+/-2%	+/-1%	+3%
TR10R075	7.5V	1200mA	0A	1%	+/-2%	+/-1%	+3%
TR10R090	9V	1100mA	0A	1%	+/-2%	+/-1%	+2%
TR10R120	12V	850mA	0A	1%	+/-2%	+/-1%	+2%
TR10R136	13.6V	750mA	0A	1%	+/-2%	+/-1%	+2%
TR10R150	15V	700mA	0A	1%	+/-2%	+/-1%	+2%
TR10R180	18V	550mA	0A	1%	+/-2%	+/-1%	+2%
TR10R240	24V	400mA	0A	1%	+/-2%	+/-1%	+2%

- 1: Voltage set point at 60% load.
- 2: Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for the Ripple & Noise measurement @ 20MHz BW.
- 3: Line regulation measured from 100Vac to 240Vac, full load.
- 4: Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% full load).

