

TR30R

30W SWITCHING ADAPTER



Features

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Over Voltage 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 0.8A max
 Inrush Current 50A max @264Vac
 Isolation Input to output =4,242VDC
 Leakage Current.....0.25mA max

ENVIRONMENTAL CHARACTERISTICS:

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

OUTPUT CHARACTERISTICS:

Holdup Time 10mS typ. @ 115Vac
 Short Circuit ProtectionContinuous (Auto Recovery)
 Over Voltage Protection Yes

MECHANICAL CHARACTERISTICS:

Dimensions 107.8 x 57.6 x 33.5mm (4.24x 2.27 x 1.32 Inches)
 Weight300g

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR30R050	5.0V	5.0A	0 A	1%	± 4%	± 1%	± 6%
TR30R090	9.0V	3.3A	0 A	1%	± 2%	± 1%	± 3%
TR30R120	12 V	2.5A	0 A	1%	± 2%	± 1%	± 2%
TR30R150	15V	2.0A	0 A	1%	± 2%	± 1%	± 2%
TR30R180	18 V	1.65A	0 A	1%	± 2%	± 1%	± 2%
TR30R240	24 V	1.25A	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 measuring @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

UNIT: mm(Inches)

FIG.A

