

# TR60M

**NEW**  
**PRELIMINARY**

## 60W MEDICAL SWITCHING ADAPTER



### Features

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency at 85% Typical

### Specifications

#### INPUT CHARACTERISTICS:

Voltage .....90 ~ 264Vac  
 Frequency .....50 to 60Hz  
 Inrush Current.....50A max. @ 264Vac  
 Conducted EMI.....CLSPR/FCC Class B  
 Isolation.....Input to output = 5,656VDC  
 Leakage Current.....0.1mA max.

#### ENVIRONMENTAL CHARACTERISTICS:

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

#### OUTPUT CHARACTERISTICS:

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

#### MECHANICAL CHARACTERISTICS:

Dimensions .....132 x 58 x 30.5mm (5.20 x 2.28 x 1.20 Inches)  
 Weight .....288g (0.77 Pounds)

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

MODEL	OUTPUT VOLTAGE	RATED LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR60M05	5 V	6 A	50mVp-p	± 4%	± 1%	± 6%
TR60M12	12 V	5 A	120mVp-p	± 2%	± 1%	± 5%
TR60M15	15 V	4 A	150mVp-p	± 2%	± 1%	± 3%
TR60M18	18 V	3.3 A	180mVp-p	± 2%	± 1%	± 2%
TR60M24	24 V	2.5 A	240mVp-p	± 2%	± 1%	± 2%

#### NOTE:

1. Voltage accuracy is set at 60% full 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 is measured from 100Vac to 240Vac with full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% full load)

### Mechanical Specification

UNIT: mm(Inches)

