

### TRM60 Series

#### FEATURES

- 90 to 264VAC univesal input
- Medically approved
- Internal EMI filter
- Single and dual outputs
- Output voltage available from 3 VDC thru 50 VDC
- Short-circuit, OVP and OLP protections
- Desktop style with class I insulation



#### SPECIFICATIONS

Input Voltage.....	90-264VAC
Input Frequency.....	47-63Hz
Inrush Current.....	20A at 115VAC, 40A at 230VAC, cold start
Efficiency.....	70% min. for output = 3~11V >=85% on CEC compliant models
Standby Power.....	< 0.5W @ no load on CEC compliant models
Leakage Current.....	0.1mA Max.
Operating Temperature.....	0~60°C; derate linearly from 100% load at 40°C to 50% load at 60°C
Safety Approvals.....	UL/cUL (UL 60601-1), TUV (EN 60601-1), CE
EMI Standards.....	FCC Part 18 class B, CISPR-11 EN55011 class B emission limits

#### MODEL LIST



*Product No.	*Output Voltage	Output Current	Total Regulation	Output Power	*CEC
TRM60-S03-X	3~5V	13.33~8A	± 5%	35W	
TRM60-S05-X	5~6V	9~7.5A	± 5%	45W	
TRM60-S07-X	6~8V	8.33~6.25A	± 5%	50W	
TRM60-S09-X	8~11V	6.25~4.54A	± 5%	50W	
TRM60-S12-X	11~13V	5.45~4.61A	± 5%	60W	TV
TRM60-S15-X	13~16V	4.61~3.75A	± 3%	60W	TV
TRM60-S18-X	16~21V	3.75~2.85A	± 3%	60W	TV
TRM60-S24-X	21~27V	2.85~2.5A	± 2%	60W	TV
TRM60-S48-X	40~50V	1.5~1.2A	± 2%	60W	TV

\*Specify output voltage when ordering, e.g. TRM60-S19 for 19V output.

\*Add suffix "G" for CEC compliant models, e.g. TRM60-S12G.

\*AC inlet code: X=4 for IEC320/C14, X=6 for IEC320/C6 (3 round pin).

*Product No.	Output #1				Output #2				Maximum Output Power
	Vo nom.	Io min.	Io max.	Reg. Max.	Vo nom.	Io min.	Io max.	Reg. Max.	
TRM60-D01-X	+3.3V	0.2A	6A	± 7%	+5V	0.2A	6A	± 5%	30W
TRM60-D03-X	+3.3V	0.2A	6A	± 7%	+12V	0.1A	4A	± 5%	50W
TRM60-D07-X	+3.3V	0.2A	6A	± 7%	+24V	0.1A	2A	± 5%	50W
TRM60-D13-X	+5V	0.2A	6A	± 5%	+12V	0.1A	4A	± 5%	55W
TRM60-D15-X	+5V	0.2A	6A	± 5%	+15V	0.1A	3A	± 5%	55W
TRM60-D17-X	+5V	0.2A	6A	± 5%	+24V	0.1A	2A	± 5%	55W

\*On multiple output models, each output can load to it's max. current with the total power limited to the maximum allowable output power.

\*AC inlet code: X=4 for IEC320/C14, X=6 for IEC320/C6 (3 round pins).

#### Mechanical Drawing: (mm)

