

# TMT Series

10~50 Watt / 1~3 Output Models

# TRACOPOWER

Medical Approved / Encapsulated Power Supply



## FEATURES:

- Industrial and Medical safety approvals
- 2 packages styles available:
  - PCB mount with solder pins
  - Chassis mount with screw terminal block
- Adapter for DIN-rail mount
- Single-, dual- and triple output models
- Universal input 85 – 264 VAC
- Safety class II Short circuit and overload protection
- 3 Year Warranty



## MODELS:

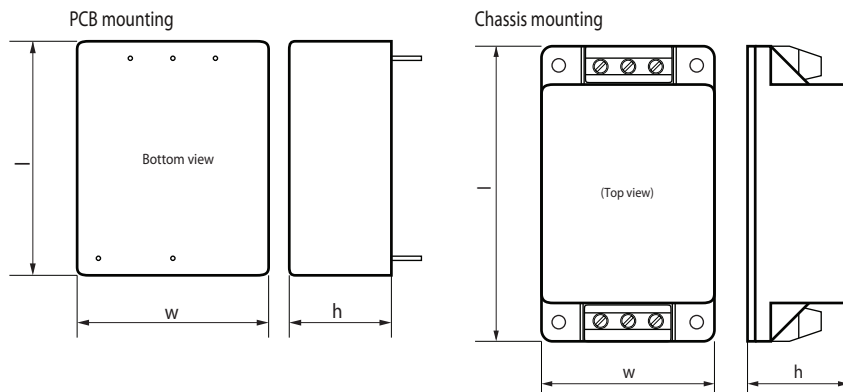
TMT10105	5V	2000mA		
TMT10112	12V	840mA		
TMT10115	15V	670mA		
TMT10124	24V	420mA		
TMT15105*	5V	3000mA		
TMT15112*	12V	1250mA		
TMT15115*	15V	1000mA		
TMT15124*	24V	625mA		
TMT15212*	+12V	625mA	-12V	625mA
TMT15215*	+15V	500mA	-15V	500mA
TMT30105*	5V	6000mA		
TMT30112*	12V	2500mA		
TMT30115*	15V	2000mA		
TMT30124*	24V	1250mA		
TMT30212*	+12V	1250mA	-12V	1250mA
TMT30215*	+15V	1000mA	-15V	1000mA
TMT30252*	+5V	4500mA	+12V	1200mA
TMT30522*	+5V	4500mA	+12V	1000mA
TMT30515*	+5V	4500mA	+15V	500mA
TMT30503	+3.3V	6000mA	+5V	1500mA
TMT30505	+5V	5000mA	+3.3V	1000mA
TMT50105*	5V	10A		
TMT50112*	12V	4600mA		
TMT50115*	15V	3333mA		
TMT50124*	24V	2300mA		
TMT50148*	48V	1150mA		

\* Add suffix C for Chassis Mount Option

### Optional DIN Rail Mounting Kit:

TMT15 = TMT-MK1  
TMT30 = TMT-MK2  
TMT50 = TMT-MK3

## OUTLINE DRAWING:



## SPECIFICATIONS:

INPUT RANGE	Universal AC input Range (85-264 VAC)
INPUT FREQUENCY	47-63 Hz
INRUSH CURRENT	24A @ 115 VAC / 36A @ 230 VAC max cold start
HOLD-UP TIME	25ms min, full load & 264VAC Operation
MINIMUM LOAD	10% min on multi-output models only
REGULATION	±1% Singles / ±5% Duals
RIPPLE	150mV pk-pk maximum (20MHz)
OVER VOLTAGE PROTECTION	115-140% of V1 nominal
OPERATING TEMP	-25~+70°C (De-Rate 2.5%/°C above 50°C)
RELIABILITY	>1.8 Million Hours @ 25°C acc. to IEC 61709

## DOWNLOADS:

Soft Copy of this Specification: <http://www.powergatellc.com/pdfs/TMT.pdf>  
Detailed Specification: <http://www.tracopower.com/products/tmt.pdf>

## SAFETY & EMISSIONS STANDARDS:

- IEC/EN 60950-1
- IEC/EN 60601-1
- EN 55022, level B
- EN/EN 60601-1-2 (for medical equipment)
- UL 60950-1
- UL 60601-1
- FCC Part 15 level B
- CSA-C22.2 No. 60950-1-03
- UL/cUL 508

## Dimensions

Type	PCB mounting			Chassis mounting		
	Length l	Width w	Height h	Length l	Width w	Height h
TMT 10xxx	51 (2.00)	33 (1.30)	21.6 (0.85)			
TMT 15xxx	55 (2.16)	45 (1.77)	24 (0.95)	77 (3.03)	45 (1.77)	26.4 (1.04)
TMT 301xx	76 (2.99)	51 (2.00)	28 (1.10)	96 (3.78)	51 (2.01)	29.5 (1.16)
TMT 3021x	76 (2.99)	51 (2.00)	28 (1.10)	96 (3.78)	51 (2.01)	29.5 (1.16)
TMT 30252	86 (3.39)	58 (2.28)	28 (1.10)	106 (4.17)	58 (2.28)	29.5 (1.16)
TMT 305xx	86 (3.39)	58 (2.28)	28 (1.10)	406 (4.17)	58 (2.28)	29.5 (1.16)
TMT 50xxx	89 (3.50)	64 (2.52)	32 (1.26)	110 (4.33)	64 (2.52)	33.5 (1.32)

( ) = Inches