

AC/DC Power Modules

**POWER
SOLVE**

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TPM Series, 5 - 40 Watt

- = Fully encapsulated Power Supplies
- = 2 Package Styles available: – for PCB Mounting with Solder Pins
– for Chassis Mounting with Screw Terminal Block
- = Single-, Dual- and Triple-Output Models
- = Universal Input 85–264 VAC, 47–440 Hz
- = EMI meets EN 55022, Class B
- = Short Circuit and Overload Protection
- = Safety Class II



Input voltage range:	85–264 VAC and 47–440 Hz, 100–375 VDC
Line regulation:	±0.5% max.
Load regulation:	±0.5% max.
Ripple & Noise:	<100 mVpk-pk (20 MHz BW)
EMI suppression:	EN 55011 class B, EN 55022 class B and FCC, level B
EMC immunity:	EN 61000-6-2 (industrial environment)
Output current limitation:	105–130% I _{out} max., constant current
Efficiency:	70–80% (depending on model)
Operating temperature:	–25°C ... +60°C above 50°C derating 5%/°C
Safety standards / approvals:	cUL/UL 60950, EN 60950
Degree of protection:	safety class II
Case:	plastic (UL94V-0 rating)

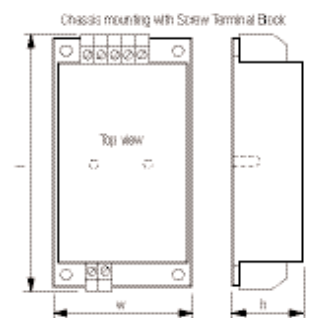
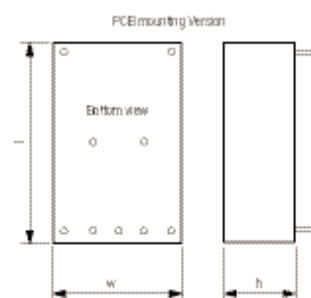
Models

Order code	Output power	Output 1	Output 2/3
TPM 05105	5 W	5 VDC / 1000 mA	
TPM 05112		12 VDC / 420 mA	
TPM 05124		24 VDC / 210 mA	
TPM 05212		+12 VDC / 250 mA	–12 VDC / 150 mA
TPM 05215		+15 VDC / 150 mA	–15 VDC / 150 mA
**TPM 10105	10 W	5 VDC / 2000 mA	
**TPM 10112		12 VDC / 840 mA	
**TPM 10124		24 VDC / 420 mA	
**TPM 10212		+12 VDC / 400 mA	–12 VDC / 400 mA
**TPM 10215		+15 VDC / 300 mA	–15 VDC / 300 mA
**TPM 10512		*5 VDC / 1200 mA	±12 VDC / ±120 mA
**TPM 10515		*5 VDC / 1200 mA	±15 VDC / ±100 mA
**TPM 15105	15 W	5 VDC / 3000 mA	
**TPM 15112		12 VDC / 1300 mA	
**TPM 15124		24 VDC / 600 mA	
**TPM 15212		+12 VDC / 600 mA	–12 VDC / 400 mA
**TPM 15215		+15 VDC / 500 mA	–15 VDC / 400 mA
**TPM 15512		*5 VDC / 1600 mA	±12 VDC / ±150 mA
**TPM 15515	30 W	*5 VDC / 1600 mA	±15 VDC / ±150 mA
**TPM 30105		5 VDC / 6000 mA	
**TPM 30112		12 VDC / 2500 mA	
**TPM 30124		24VDC / 1300 mA	
**TPM 30212		12 VDC / 1200 mA	–12 VDC / 1200 mA
**TPM 30215		15 VDC / 1000 mA	–15 VDC / 1000 mA
**TPM 30252	40 W	*5 VDC / 3000 mA	*12 VDC / 1200 mA
**TPM 30254		*5 VDC / 3000 mA	*24 VDC / 600 mA
**TPM 30512		*5 VDC / 3000 mA	±12 VDC / ±600 mA
**TPM 30515	40 W	*5 VDC / 3000 mA	±15 VDC / ±500 mA
**TPM 40105		5 VDC / 7000 mA	
**TPM 40112		12 VDC / 3300 mA	
**TPM 40124	40 W	24 VDC / 1800 mA	

** suffix C: Chassis Mounting (Example: TML 30105 C) * Output floating

Dimensions

Type	Length l	Width w	Height h
TPM 05	51 (2.0)	51 (2.0)	20 (0.79)
TPM 10/15	76 (2.99)	51 (2.01)	22.5 (0.89)
TPM 10C/15C	110 (4.33)	51 (2.01)	23 (0.91)
TPM 30	90 (3.54)	65 (2.56)	33 (1.30)
TPM 30C	120 (4.75)	65 (2.56)	33 (1.30)
TPM 40	90.5 (3.58)	65.5 (2.59)	33.5 (1.33)
TPM 40C	120 (4.75)	65 (2.56)	33 (1.30)



Ø = inches