

TBL Series

15~150 Watt Models

TRACOPOWER

DIN Rail Mount Power Supplies



FEATURES:

DIMENSIONS: Multiple Packages

- Low profile plastic case
- For building and industrial applications
- Fits into standard wall mounted cabinet
- Safety class II, double insulation
- Universal input voltage 85~264 VAC
- Adjustable output voltage
- Short circuit and overload protection
- UL 508 listed, UL 1310 approvals
- 3 Year Warranty



INPUT SPECIFICATIONS:

VOLTAGE	85-264 VAC
FREQUENCY	47-63 Hz
INRUSH	See Detailed Specification
HOLD-UP	15/125ms typical, full load & 115/230VAC
EFFICIENCY	88% Typical
HARMONICS	EN61000-3-2, Class D Compliant (0.99 PF Typ.)
MINIMUM LOAD	none required
REGULATION	±1%
RIPPLE	<100mV pk-pk maximum (20MHz)
OVER CURRENT	>120%, constant current, automatic recovery
OVER VOLTAGE PROTECTION	140% of Vnom
POWER GOOD	TTL Signal (High = OK)
OPERATING TEMPERATURE	-25~+70°C (derate 2%/K above 60°C)
STORAGE TEMPERATURE	-25°C ~ +85°C max.
SAFETY	UL 1310, CB Report, EN 50718, EN61558-2-8,
SAFETY	EN60950, CSA / UL508 Listed, EN60204
EMISSIONS	EN55022 Class B

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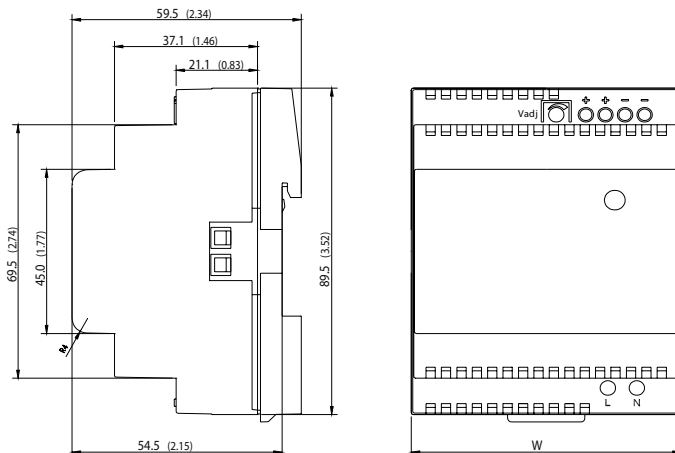
Soft Copy of this Specification:

<http://www.powergatellc.com/pdfs/TBL.pdf>

Detailed Specification:

<http://www.tracopower.com/products/tbl.pdf>

OUTLINE DRAWING:



MODELS:

OUTPUT(S):

EFFICIENCY:

TBL 015-105	5V 2.5A
TBL 015-112	12V 1.25A
TBL 015-124	24V 630mA
TBL 030-112	12V 2.5A
TBL 030-124	24V 1.25A
TBL 060-112	12V 4.50A
TBL 060-124	24V 2.50A
TBL 090-112	12V 6.00A
TBL 090-124	24V 3.75A
TBL 150-124	24V 6.25A
TBL-150-112	12V 10.0A

Output Adjust Range:

5V = 5.0~ 5.2 VDC

12V = 12~16 VDC

24V = 24~28 VDC

Model	Width (W) mm (inch)	Weight g (oz)
TBL 015	26.3 (1.04)	100 (3.53)
TBL 030	52.5 (2.07)	160 (5.64)
TBL 060	70.0 (2.76)	230 (8.11)
TBL 090	105.0 (4.13)	340 (12.0)
TBL 150	175 (6.89)	625 (22.0)

Dimensions in [mm], () = Inch
Tolerances: ±0.5 mm (±0.02)

Wiring		
	Description	Wire size
AC Input	all models: L, N only (2 pin terminal)	AWG 26 – 16 / 1.5 mm ² max.
DC Output	15 – 30 W models: single terminal	AWG 26 – 14 / 1.5 mm ² max.
DC Output	60 – 150 W models: double terminal	AWG 26 – 14 / 1.5 mm ² max.