

TBL Series ▶ 15 to 150 W



- ▶ Low profile plastic case
- ▶ For building- and industrial automation applications
- ▶ Model with battery controller for UPS system
- ▶ Fits into flat control panels
- ▶ Meets NEC class II (limited power source)
- ▶ Safety class II
- ▶ Universal input voltage 85–264 VAC
- ▶ Adjustable output voltage
- ▶ Short circuit and overload protection
- ▶ UL 508 listed



Specifications

Input voltage range	85–264 VAC, 47–63 Hz TBL 150 models: 85–132 / 187–264 VAC (autorange)
Output regulation	1.0% max.
Output voltage adjustment range	5 V models: 5.0 – 5.2 VDC 12 V models: 12.0 – 16.0 VDC 24 V models: 24.0 – 28.0 VDC
Ripple & noise	<100 mVpk-pk (20 MHz BW)
EMI emission	EN 55011/22, class B, EN61000-6-3
EMC immunity	EN 61000-6-2
Output current limitation	>105% of Iout max.
Over voltage protection	at 140% of Vout nom.
Efficiency	80% typ.
Operating temperature	–25 °C to +70 °C above 60 °C derating 2.5%/K
Safety standards / approvals	UL 1310, IEC/EN 60950-1, CB-Report, cUL/UL 508 listed, EN 50178, EN 60204, EN 61558-2-8
Connection	screw terminals
Casing	plastic (UL 94V-0 rated)
Mounting	snap-on mounting on 35 mm DIN-rail
Full datasheet	www.tracopower.com/products/tbl.pdf

Models

Order code	Output power max.	Output voltage	Output current max.
TBL 015-105*		5.0 VDC	2.4 A
TBL 015-112*	15 W	12 VDC	1.25 A
TBL 015-124*		24 VDC	0.63 A
TBL 030-112*	30 W	12 VDC	2.5 A
TBL 030-124*		24 VDC	1.25 A
TBL 060-112*	60 W	12 VDC	4.5 A
TBL 060-124*		24 VDC	2.5 A
TBL 090-112	90 W	12 VDC	6.0 A
TBL 090-124*		24 VDC	3.75 A
TBL 150-112	120 W	12 VDC	10 A
TBL 150-124	150 W	24 VDC	6.25 A

* Models meet NEC class II (limited power source) acc. UL 1310

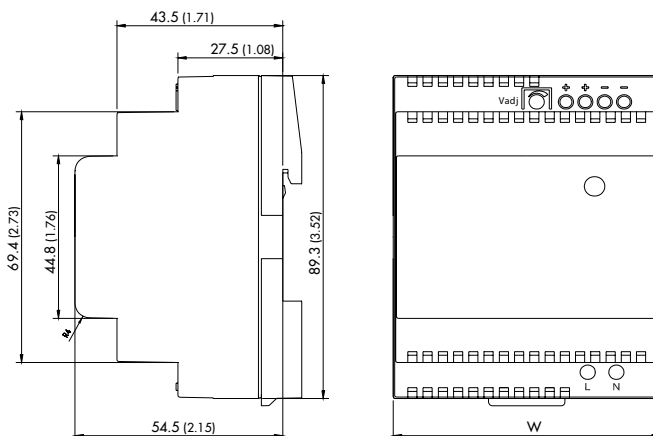
Model with Battery Controller (For UPS-System)

Order code	Battery voltage	Max. Battery load current	Output voltage adj.	Power max.
TBL 060-124BC	24 VDC	2 A	26–29.5 VDC	60 W



For details see datasheet: www.tracopower.com/products/tbl-bc.pdf

Dimensions



() = Inches

Type Width (w)

Type	Width (w)
TBL 015	26.3 (1.03)
TBL 030	52.5 (2.07)
TBL 060	70 (2.78)
TBL 090	105 (4.13)
TBL 150	175 (6.89)
TBL 060-124BC	175 (6.89)