

# Industrial Power Supplies



## TBL-BC Series, 60 Watt

[www.powersolve.co.uk](http://www.powersolve.co.uk)

### Features

- Uninterruptible Power Supply
- For building automation & security relevant systems
- Battery capacity & temperature supervision
- External battery size free selectable
- Safety class II, double insulation
- Adjustable output voltage, short circuit & overload protection
- Complies with EN 50131 for alarm equipment
- UL 508 listed, UL1310 approvals



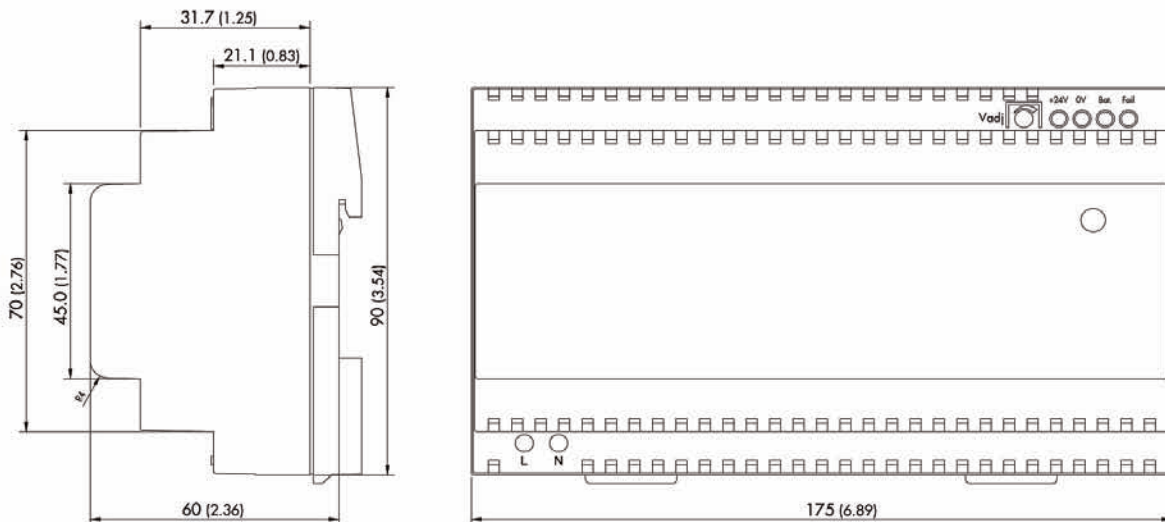
### Electrical Specification

Input voltage range	93 - 132 / 187 - 264Vac (autoselect) 50/60Hz
Output voltage	26 - 29.5VDC adjustable for battery load
Undervoltage lockout	21 - 22.5VDC (at mains fail)
Battery supervision (only if mains is OK)	internal load 1.1A, 2 sec. every 60 sec. OK if battery voltage remains >25.5VDC
Charge characteristics	I-V curve
EMI emissions	EN55011/22 class B, EN 61000-6-3
EMC immunity	EN61000-6-2
Output current limitation	at 2.4A constant current
Overvoltage protection	at 31V
Operating Temperature Range	-25°C to +70°C (derate at 2.5%/°C above 50°C)
Safety Approvals	UL1310, IEC/EN 60950-1, CB report, cUL/UL 508 listed, EN 50131 security level 4
Connection	screw terminals
Casing	plastic (UL94V-0) rated
Mounting	snap-on mounting on 35mm DIN-rail

### Output Voltage and Current Ratings

MODEL	BATTERY VOLTS	MAX. BATTERY LOAD CURRENT	OUTPUT VOLTAGE Adjust.	MAX. POWER
TBL 060-124BC	24VDC	2A	26-29.5VDC	60W

### Mechanical Details



Dimensions in mm (inch)