

# Installation Manual

## TPC10

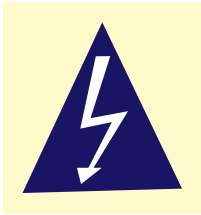


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AC - DC / DC - DC Converter - 24Vdc Output

# CAUTION



Equipment must be installed & serviced by suitably qualified service personnel in a restricted access area. There are no user serviceable parts inside.

*Do not remove module covers*

*No user serviceable parts inside*

## General



This power convertor is designed for indoor use only.

The TPC10 is a low profile DC - DC / AC - DC Converter designed to convert either 22-33V AC or 32-48V DC to a reliable, clean output voltage of 24dc and is rated for 1A continuous output.

**Note: Input voltage must not exceed 48V DC - permanent damage may result.**

This model features output current limiting and thermal shutdown protection with auto recovery.

## Connection

Connect input power to terminals marked "Input" (see diagram overleaf).

Note that these terminals are not polarity conscious.

Load equipment may be connected to terminals marked "Out".

Confirm polarity before connecting.

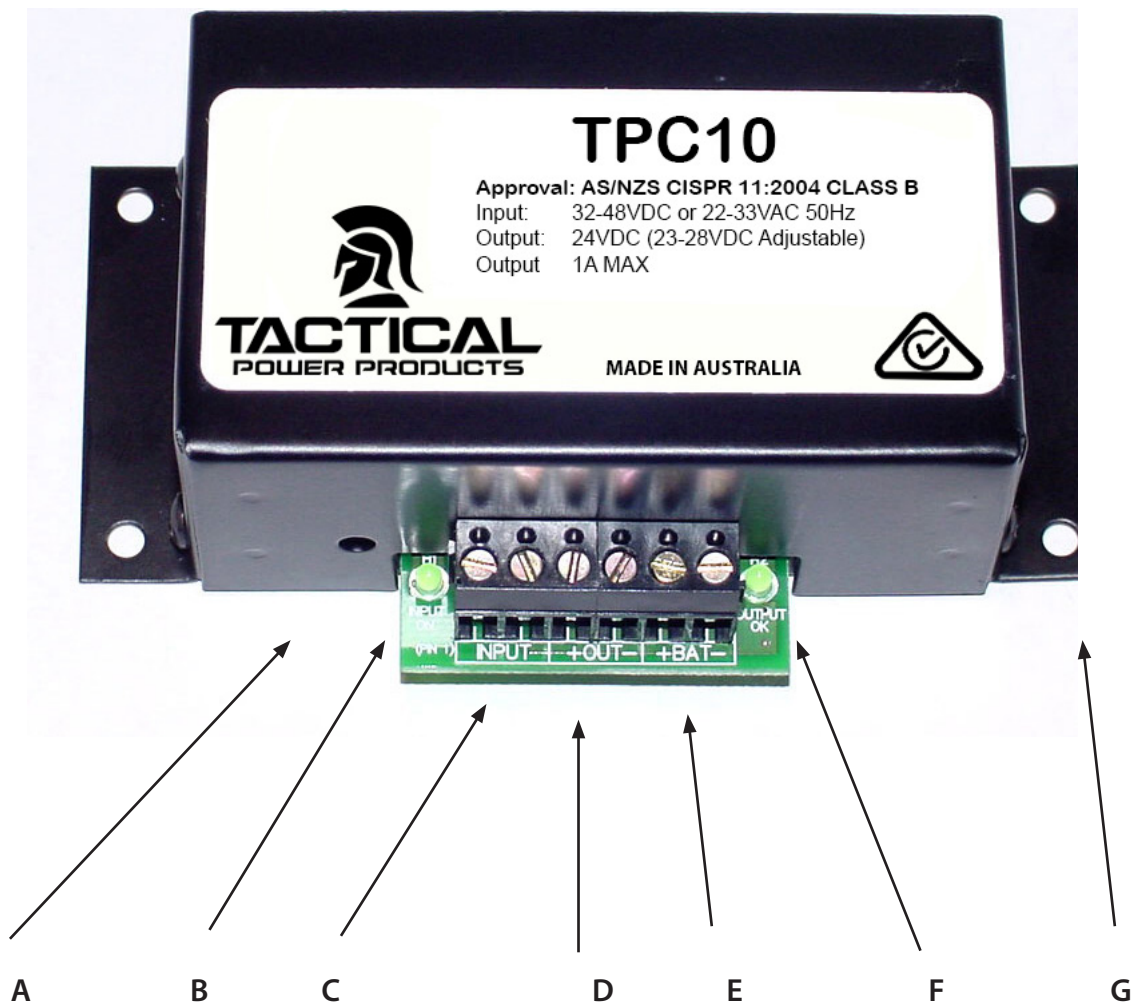
Output voltage is factory set to 24.3Vdc - see note below:

**Battery Operation:** effective when output is adjusted to 27.6V

Input and output LED's should be illuminated when operating normally.

There are no fuses or user serviceable components inside the cabinet - return to your supplier for service or replacement.

# LAYOUT



<b>A</b>	Output Voltage Adjustment (Use an insulated screwdriver to adjust)
<b>B</b>	Input OK LED
<b>C</b>	Input Terminals: 32-48Vdc - 48Vdc or 22-33Vac nominal
<b>D</b>	Output Terminals: 24Vdc / 1A Max
<b>E</b>	Battery Connection - effective when output is adjusted to 27.6V
<b>F</b>	Output OK LED
<b>G</b>	Mounting Holes

# TPC10

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## AC-DC / DC-DC Converter

### Specifications :

(In the interests of product improvement, Tactical reserves the right to change specifications without notice)

	TPC 10
Input Voltage	32Vdc - 48Vdc or 22-33Vac nominal
Output Voltage	Factory set to 24.3Vdc
Output Current	1A Max.
Output Protection	Current Limiting with Auto Recovery, Thermal Shutdown
Operating Temperature	0° C to 45° C
Soft Start	1 - 2 seconds (typical)
EMC Standards	CISPR11:2004 - Class B
Dimensions	115 W x 65 D x 40 H mm

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