

# Installation Manual

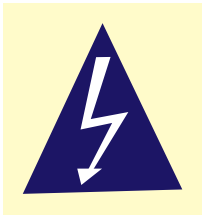
## TPC-48



12V to 48V DC - DC Converter



# CAUTION



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

*Dangerous Voltage Inside !*

*Do not remove module covers*

*No user serviceable parts inside*

## General

This power supply is designed for indoor use only.

The TPC-48 is a low profile DC - DC Converter of switchmode design. This model features output current limiting and thermal shutdown protection with auto recovery.

## Connection



### Input View:

12Vdc Input - take care to observe polarity.

(Ground connection optional)

### Output View:

48Vdc Output - take care to observe polarity.

Two sets of output terminals are provided.

Take care that total load current does not exceed 1.25A as the unit will shutdown (current limit) at loads exceeding 1.25A



# LAYOUT

## TPC-48



<b>A</b>	48Vdc Output (2 sets of terminals) Max Total: 1.25A
<b>B</b>	Date of Manufacture & Serial No. Label (on side of chassis)
<b>C</b>	Output Voltage Adjustment ( $\pm 5\%$ typical)
<b>D</b>	Input Terminals
<b>E</b>	DC OK LED
<b>F</b>	Mounting Holes

# TPC48

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## DC-DC Convertor

### Specifications :

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

	TPC-48
Input Voltage	12 Vdc (10.5 - 16Vdc)
Output Voltage	48Vdc (adjustable $\pm$ 5%)
Output Current	1.25A Max.
Output Protection	Current Limiting with Auto Recovery, Thermal Shutdown
Switching Frequency	300KHz
Operating Temperature	-20° C to 50° C @ 100% Load
Humidity	5 ~ 95% RH non-condensing
EMC Standards	CISPR11:2004
Dimensions	100 L x 65 W x 18 H mm
Weight	180 grams



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