

Installation Manual

TPC-48

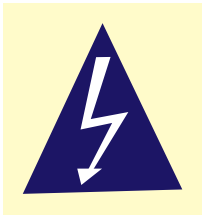


12V to 48V DC - DC Converter



Designed & Manufactured

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



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

TPC48

POWERING
YOUR VISION[®]

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	C-Tick
Dimensions	100 L x 65 W x 18 H mm
Weight	180 grams



www.tac-tech.com.au

Securing Your Power Needs[®]
Now and into the Future...



Designed & Manufactured

Tel: +61 2 8822-1888 5 Butterfield St, Blacktown NSW 2148 Fax: +61 2 8822-1899