

Installation Manual

TPC4

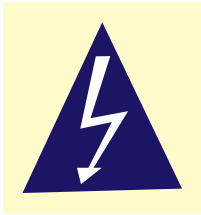


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AC - DC / DC - DC Converter - 18Vdc Output

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 TPC4 is a low profile DC - DC / AC - DC Convertor designed to convert either 16-24V AC or 20-48V DC to a reliable, clean output voltage of 18Vdc 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 18.2Vdc - see note below:

Battery Operation: Not available on this model

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



A	Output Voltage Adjustment (Use an insulated screwdriver to adjust)
B	Input OK LED
C	Input Terminals: 18Vdc - 48Vdc or 24Vac nominal
D	Output Terminals: 18Vdc / 1A Max
E	Battery Connection - Not available on this model
F	Output OK LED
G	Mounting Holes

TPC4

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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 4
Input Voltage	20Vdc - 48Vdc or 16-32Vac nominal
Output Voltage	Factory set to 18.2Vdc
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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Tel: 1300822769 PO Box 90 Kurrajong NSW 2758 sales@tacpower.com.au