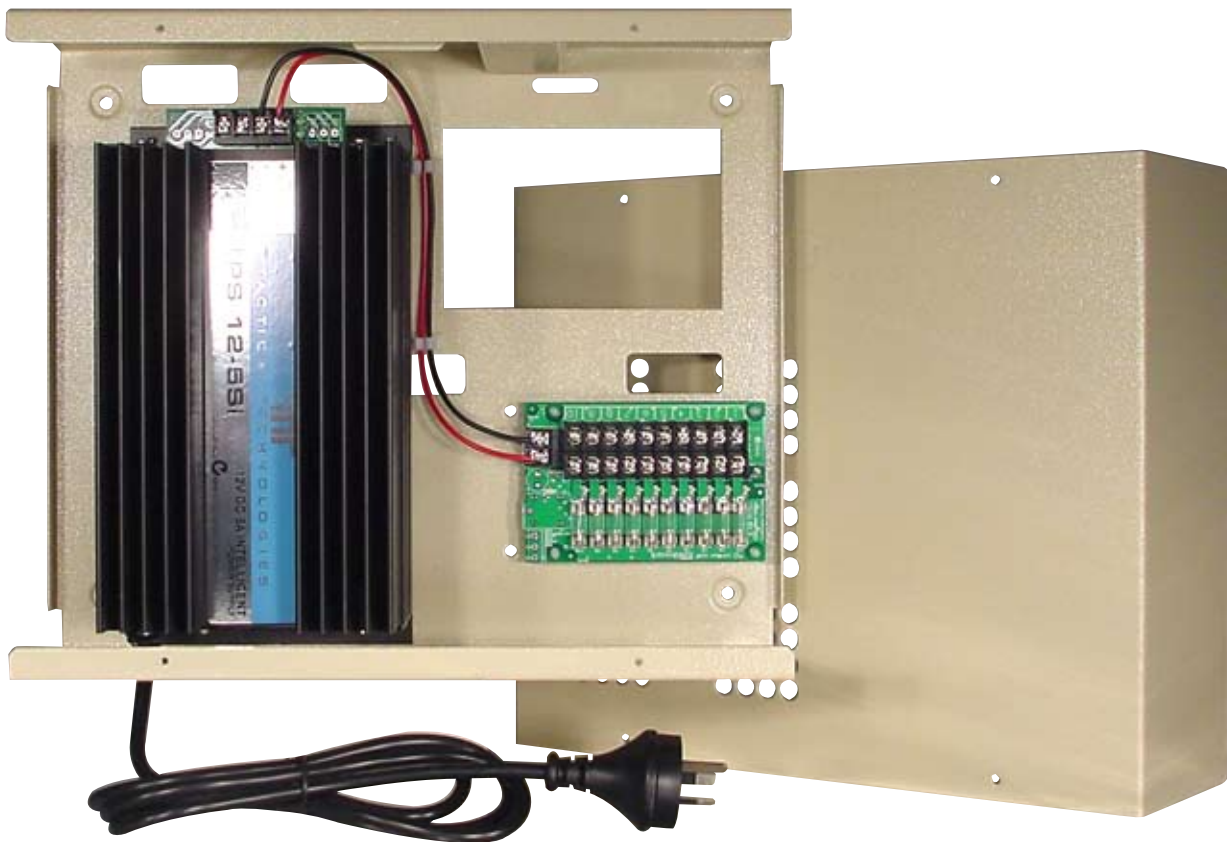


# Installation Manual

## TPS12-5SiEBD



Dual Channel 12V DC 5A Power Supply

Designed & Manufactured



In Australia

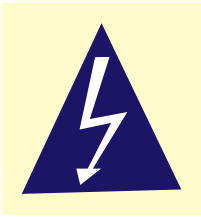


N645



tactical Technologies Pty Ltd

# 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 TPS12-5SiEBD supersedes the TPS12-5BD from the previous Tactical model range and provides regulated 12.2Vdc at up to 5 Amps continuous for CCTV & Access Control applications.

This model does not provide battery charging facilities - if battery back-up functionality is required, please specify either the TPS12-5SiBD (12Vdc output with charger) or TPS13-5SiBD (13.5Vdc output with charger).

Incorporating features such as current limiting, short circuit shutdown and thermal overload protection, TPS12 SiE models have been designed and thoroughly tested to comply with stringent new Australian & New Zealand Electrical Safety and EMC standards.

The advanced design of the TPS12-5SiEBD provides outstanding performance in the field, whilst maintaining significantly lower operating temperatures than most currently available linear supplies.

This model is available as a standalone power module or factory fitted to steel enclosures - with or without power distribution modules.

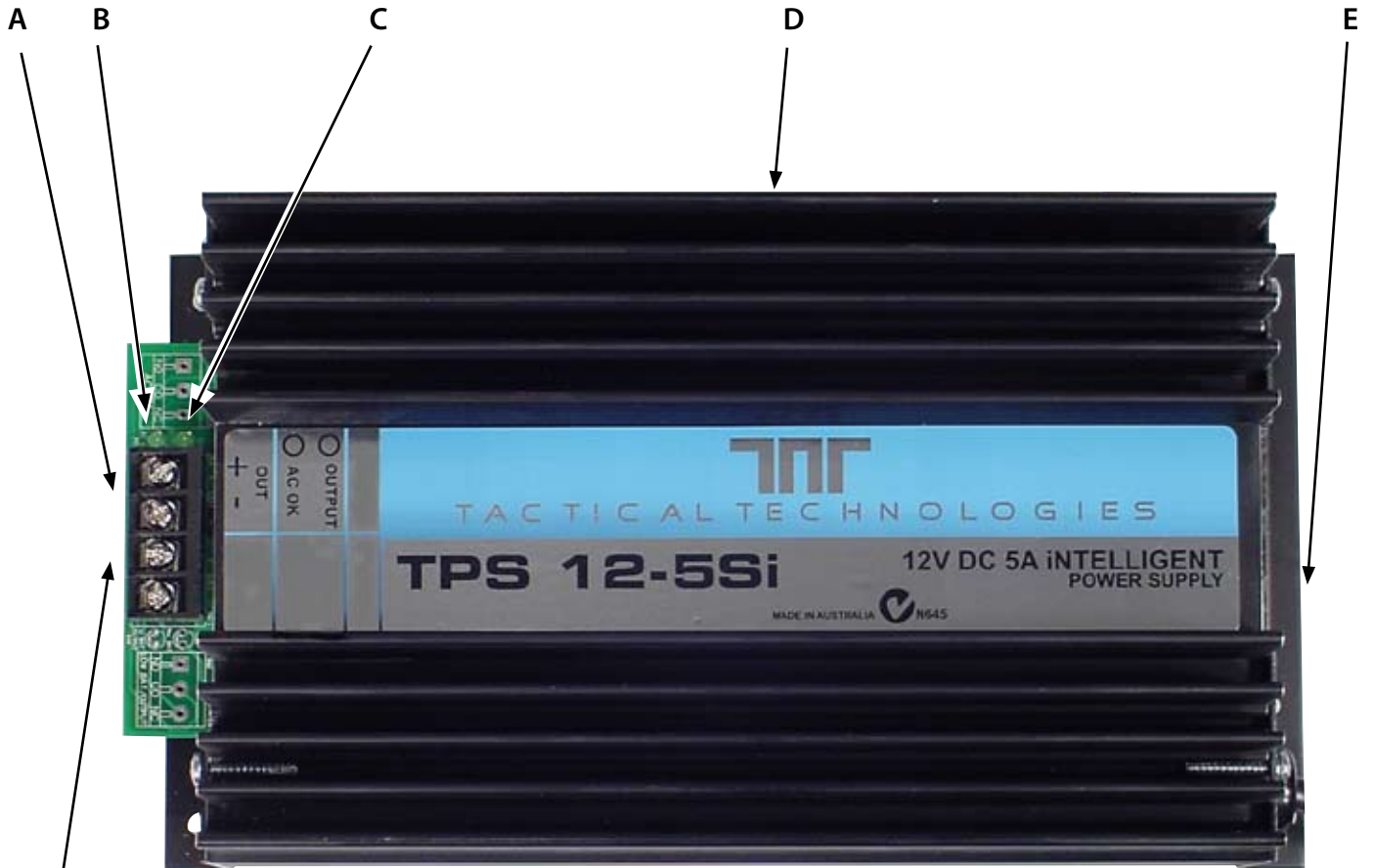
## Connection

TPS12-5SiEBD is fitted with a 10 Way power distribution Module (PDM1), providing 10 x 0.5A fused output terminals. The rating of these fuses may be changed (higher or lower current) provided that the total system current draw does not exceed 5A. The power supply will current limit and shut down if a total of 5 Amps load is exceeded.

Remember to take start-up / inrush current into account when configuring your system.

# LAYOUT

## TPS12-5SiE



<b>A</b>	Output Terminals - connect to load (Observe Polarity)
<b>B</b>	AC OK LED
<b>C</b>	Output OK LED
<b>D</b>	Heatsink
<b>E</b>	Model Compliance & Date of Manufacture Label
<b>F</b>	These terminals are NOT USED on this model

## Warranty Statement

Tactical Technologies Pty Limited guarantees this product against defective parts and workmanship for a period of twelve (12) months from the date of purchase. If any defect appears during the warranty period, please return the goods to Tactical Technologies Pty Limited freight paid. The goods will be repaired or replaced, then returned.

Tactical Technologies Pty Limited assumes no liability for consequential or indirect damage and accepts no responsibility for repairing damage to products caused by misuse, careless handling or where repairs have been made by others. In the interest of ongoing product development, Tactical Technologies Pty Limited reserves the right to modify, vary or alter the design of this product without written notice.

## Specifications

	TPS12-5SiEBD
Output Voltage to Load	Factory set to 12.2 V dc
Output Current to Load	5A Max
Output Channels	10
Output per Channel	Factory fitted - 0.5A (500mA)
Weight	6.5 kg
Dimensions	340W x 290H x 105D mm
Input Voltage	240V ac / 50 - 60Hz
Input Current	700mA (0.7A)
Safety Standards	AS/NZS 60950: 2003
EMC Standards	AS/NZS CISPR 14.1:2003 2 C-Tick N645
Mounting	4 x 3mm mounting holes

Tactical Technologies Pty Ltd

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