

Installation Manual

TPS12-2.5SiEB



Designed & Manufactured



In Australia



N645

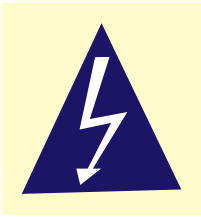


Tactical Technologies Pty Ltd

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Single Channel 12V DC 2.5A Power Supply

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 TPS12-2.5SiEB superceeds the TPS12-2.5B from the previous Tactical model range and provides a single channel output without battery charging facilities.

TPS12-2.5SiEB is housed in a powder coated steel enclosure and provides a regulated 12.2Vdc at up to 2.5Amps continuous for CCTV & Access Control applications.

As stated above, this model does not provide battery charging facilities - if battery back-up functionality is required, please specify either the TPS12-2.5SiB (12Vdc output with battery charger) or TPS13-2.5SiB (13.5Vdc output with battery charger) model ranges.

Available in 2.5 & 5A models which incorporate 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 TPS12-2.5SiEB provides outstanding performance in the field, whilst maintaining significantly lower operating temperatures than most currently available linear supplies.

Also available factory fitted to steel enclosures - with or without power distribution modules:

Order Part No: TPS12-2.5SiE 12Vdc 2.5A Power Supply (192L x 132W x 90H)

Order Part No: TPS12-2.5SiEBD 12Vdc 2.5A Supply in enclosure with 10 way distribution (340Wx290Hx105D)

Connection

DC output terminals are specified in the layout overleaf and can provide a maximum of 2.5A.

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

The power supply will current limit and shut down if a total of 2.5 Amps load is exceeded.

LAYOUT

TPS12-2.5SiE



A	Output Terminals - connect to load (Observe Polarity)
B	AC OK LED
C	DC Output LED
D	Model Compliance & Date of Manufacture Label
E	These terminals are NOT used on this model
J	240V Mains Power Cable

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

	TPS12-2.5SiEB
Output Voltage to Load	Factory set to 12.2 V dc
Output Current to Load	2.5A Max
Weight	2.6 kg
Dimensions	340W x 290H x 105D mm
Input Voltage	240V ac / 50 - 60Hz
Input Current	350mA (0.35A)
Safety Standards	AS/NZS 60950: 2003
EMC Standards	AS/NZS CISPR 14.1:2003 2 C-Tick N645
Mounting	4 x 3mm mounting holes

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“ Changing The Way You Think About Power ! ”