

# Installation Manual

## TPS18-4Si

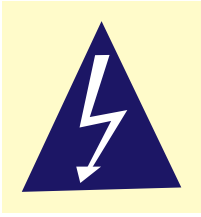


18V DC 4A Power Supply



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 TPS18-4Si supercedes the TPS18-4DC from the previous Tactical model range.

TPS18-4Si provides a regulated 18.2Vdc at up to 4Amps continuous for Intercom & Access Control applications.

Note that this model does not provide battery charging facilities.

Incorporating short circuit shutdown, current limiting and thermal overload protection, TPS18 Si 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 TPS18-2Si provides outstanding performance in the field, whilst maintaining significantly lower operating temperatures than most currently available linear supplies.

## Connection

DC output terminals are specified in the layout overleaf and can provide a maximum of 4A.

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 4 Amps load is exceeded.

# LAYOUT

## TPS18-4Si



|          |  |
|----------|--|
| <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> | Model Compliance & Date of Manufacture Label                     |
| <b>E</b> | 2nd set of output terminals - connect to load (Observe Polarity) |

# 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

|                        | TPS18-4Si                          |
|------------------------|------------------------------------|
| Output Voltage to Load | Factory set to 18.2V dc            |
| Output Current to Load | 4A Max                             |
| Weight                 | 3.8 kg                             |
| Dimensions             | 243L x 132W x 90H 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 C-Tick N645 |
| Mounting               | 4 x 3mm mounting holes             |



**CHANGING THE WAY YOU  
THINK ABOUT POWER !**

