



# 13.8V DC 1 AMP POWER SUPPLY MODULE

The PS13-1A, Linear Regulated Power Supply Module from Tactical Technologies has been designed to provide 13.8V DC at 1A.

PS13-1A features an onboard battery charger with both AC Fail & Low Battery open circuit collector outputs.

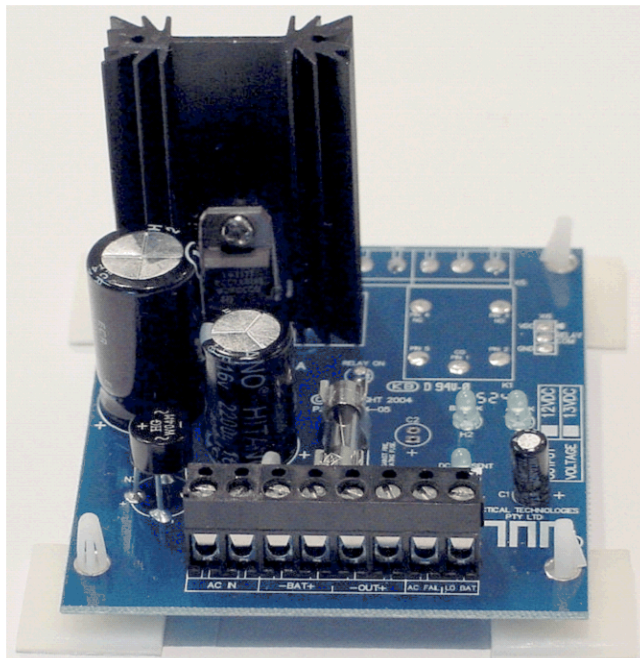
This module is supplied with 4 x adhesive mounting stand-offs and requires an approved 16V AC 1A Plug Pack (not supplied) Tactical Part No: 16VP/P. Output is short circuit protected with a 1A, M205 Fuse - if replacement is required, use only the correct fuse.

## WARRANTY STATEMENT

Tactical Technologies Pty Limited guarantees this product against defective parts and workmanship for a period of twelve (12) months from date of purchase. If any defect appears during the warranty period, return the goods to Tactical Technologies Pty Limited postage paid. 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

Input:	16V AC 1.5A
Output:	13.8V DC 1A
Dimensions: (inc. mounting feet)	83L x 72W x 60H mm
Weight:	75 gm



# PS13-1A

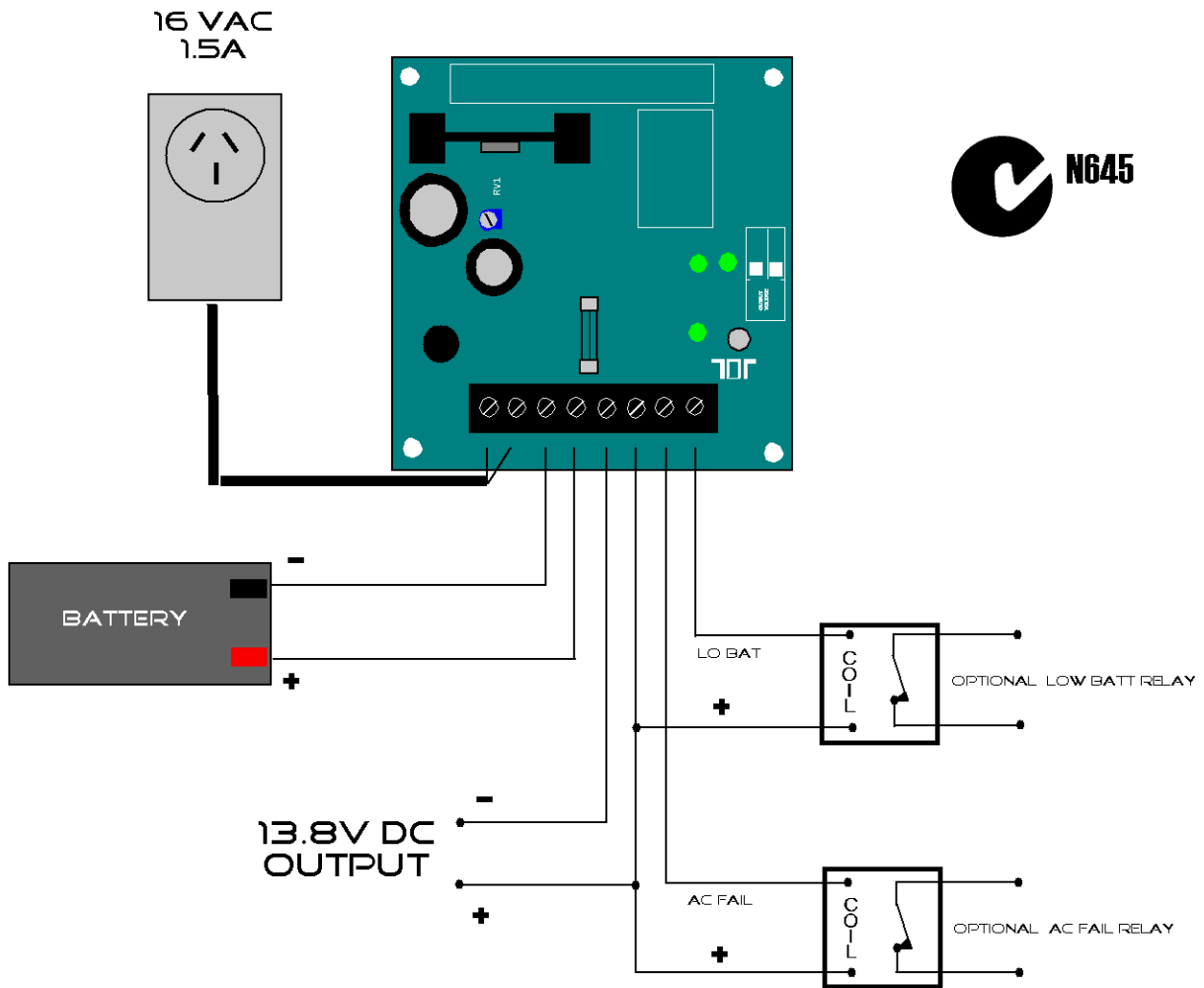
TACTICAL TECHNOLOGIES PTY LTD, 5 BUTTERFIELD ST, BLACKTOWN NSW 2148

Ph: (61-2) 8822-1888 Fax: (61-2) 8822-1899

Email: [sales@tactical-technologies.com.au](mailto:sales@tactical-technologies.com.au) [www.tactical-technologies.com.au](http://www.tactical-technologies.com.au)

# WIRING DIAGRAM - TYPICAL

## PS13-1A



## PS13-1A INSTALLATION NOTES

- Always select a clean, dry environment for installation.
- PS13-1A may be installed using self adhesive stand-offs - ensure surface is clean before mounting
- Ensure adequate free air circulation around circuit board to avoid over-heating.
- If fuse requires replacement, determine cause of failure and replace only with M205 F 1A/250V.
- AC Fail & Low Battery outputs are open collector - external relays may be wired as above.
- AC Fail Relay coil will be energised whilst mains is connected.
- Low Battery Relay coil will be energised whilst battery voltage is above approx. 11V DC.
- Onboard Battery Charger can provide up to 90 mA - remember to consider this current when determining overall system current draw.
- Battery charge current (90 mA) should be subtracted from total power supply output (1A) to allow a discharged battery to be recharged after extended AC power outage.