

# Ins-135 2A 12V dc boxed power supply with mains monitoring

## Technical Support

+44(0)845 8381716



[support@paxton-access.co.uk](mailto:support@paxton-access.co.uk)

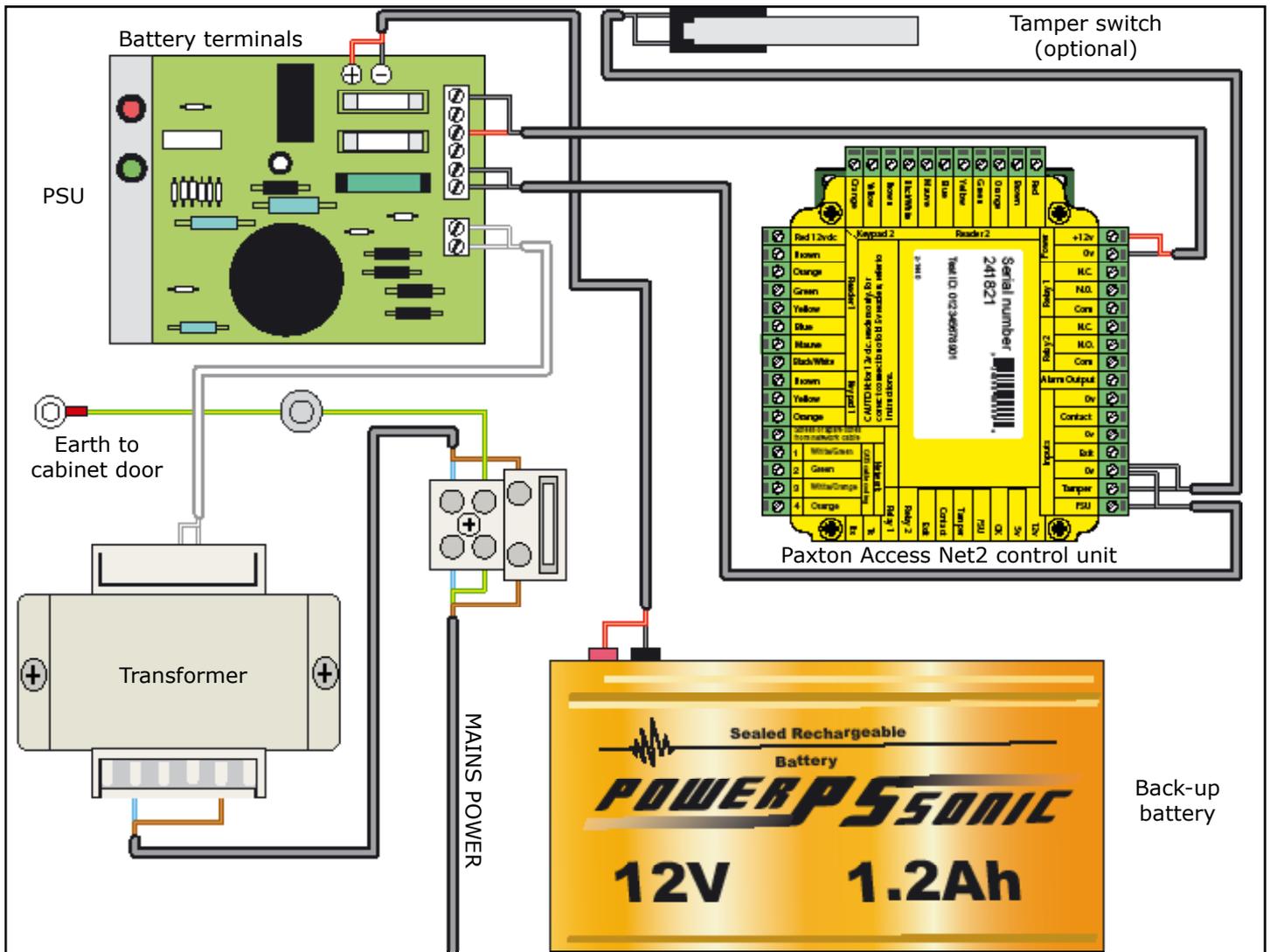
Technical help is available:

Monday - Friday from 07:00 - 01:00 (GMT)  
Saturday from 09:00 - 13:00 (GMT)

Other documentation on Net2 can be found on our web site - <http://www.paxton.co.uk/>

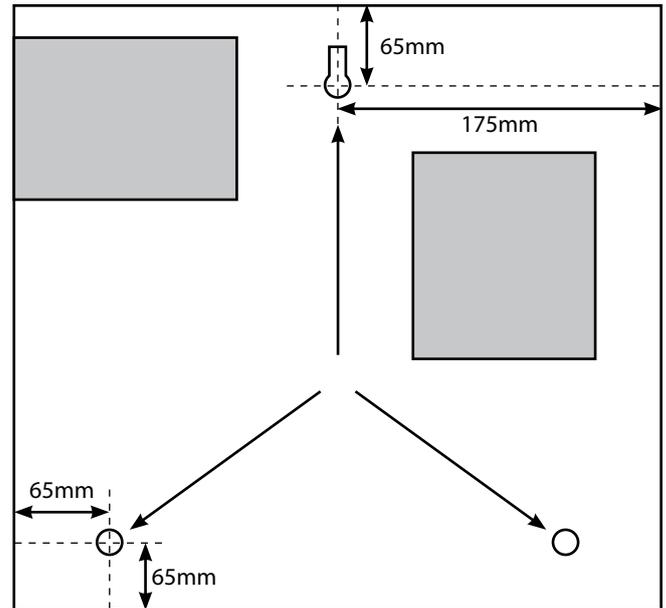
## Features

- Deep discharge battery protection** - Battery is automatically disconnected when the voltage falls below 9.5V.
- Fast/Trickle charging** - The battery is charged continuously to keep it at maximum capacity. The battery will be fast charged if it becomes depleted.
- Battery recharge limited to 1Amp** - The PSU will always have at least 1 Amp available for I/O board etc.
- Tamper** - With the tamper connected on the I/O board, if the PSU lid is opened, an alarm event is registered at the PC.
- Mains monitoring relay** - Registers mains failure when connected to an I/O board input.
- Mains indicator LED** - Gives external indication of mains status.
- Ample space** - The cabinet can accomodate 2 x 12Ah batteries or 2 x 7Ah batteries (862-719)



## Fitting

1. Drill a hole suitable for an 8 x 1" screw into the surface chosen for mounting the PSU
2. Tap in one of the wall plugs provided in the fitting kit.
3. Screw one of the 8 x 1" screws, also provided in the fitting kit, into the hole, but leave a suitable gap in order to slot the PSU onto it
4. Mark the hole positions for the 2 additional screws.
5. Remove the PSU and drill the additional holes
6. Tap in the 2 wall plugs and mount the PSU back onto the top screw.
7. Tighten the top screw
8. Do the same for the 2 remaining 8 x 1" screws



## Specifications

### Product specific information

1.2AH 12V battery	96 w	60 h	42 d	mm
7AH 12V battery	150 w	100 h	62 d	mm
Operating temperatures - all items	-20 min		+55 max	°C

### Electrical

2A boxed PSU - output voltage @ 230V a.c. in	13 min	13.8 typ	14 max	V d.c.
2A boxed PSU - output current			2 max	A
2A boxed PSU - mains supply voltage	210 min	230 typ	253 max	V a.c.
2A boxed PSU - mains supply current			250 max	mA a.c.



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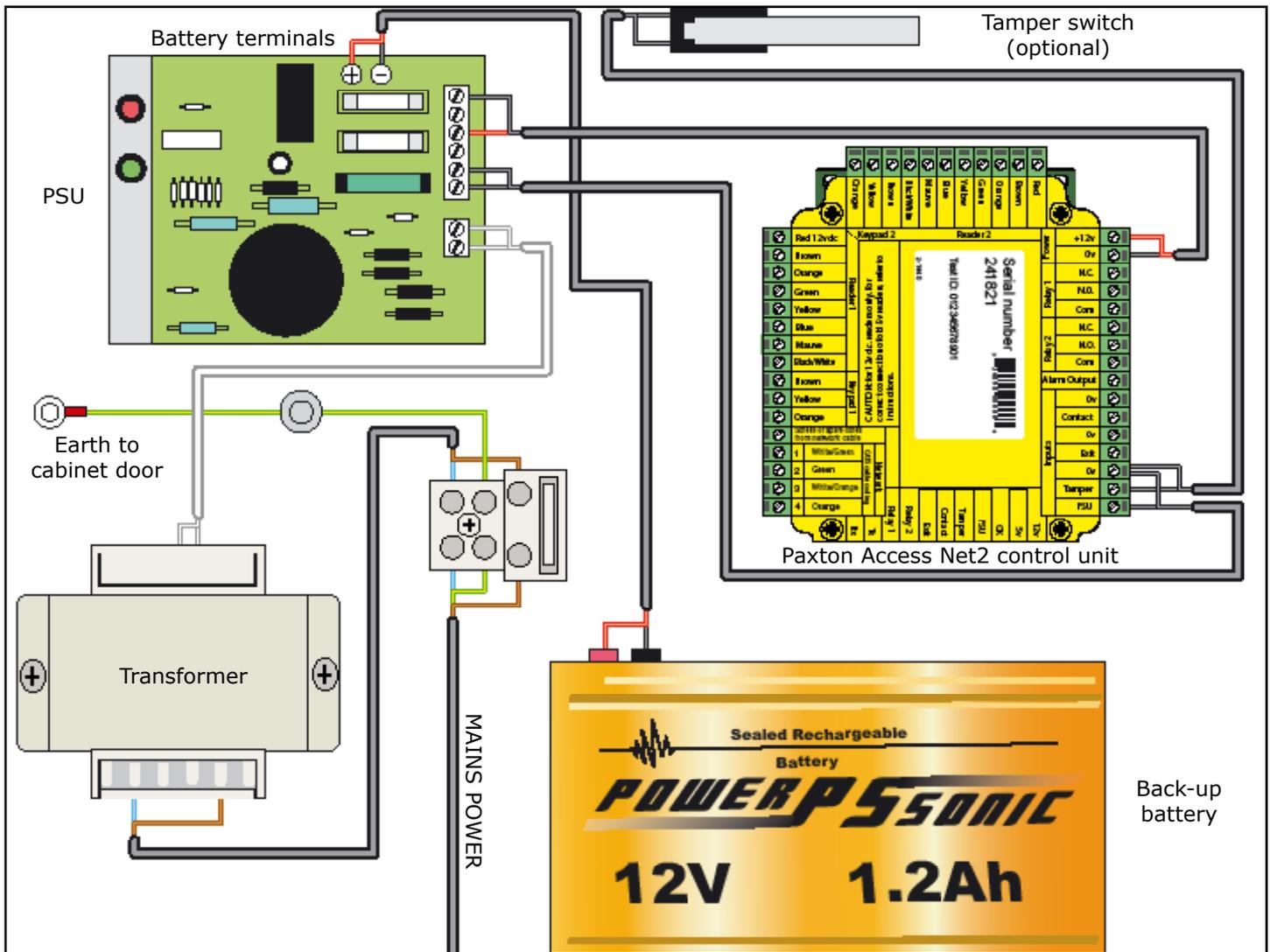
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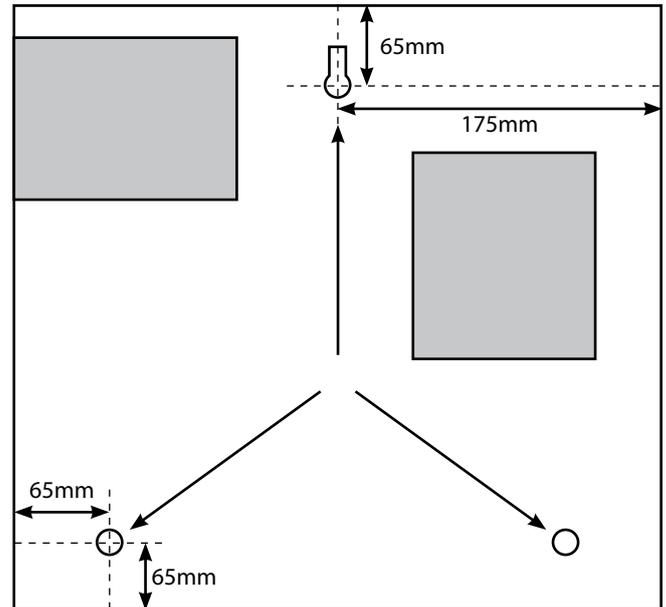
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