

SWITCH MODE POWER SUPPLY



PSU4B

13.8 Volt 4.75 Amp

FEATURES:

- Metal Cabinet
- Battery Charging.
- 5 Fused Outputs with On indicators.
- Main & Batt. Fail Outputs.



DESCRIPTION:

The PSU4 is a high grade switch mode power supply module, with 5 fused outlets, battery charging output and mains & battery fail outputs. It's Metal cabinet has been designed, to fit Two standard 12V 7A/h Battery's in the bottom of the enclose. Output voltage can be adjusted down to 12.0 VDC, allowing it to be used with CCTV camera's (however doing this will make battery backup unavailable). All connections are via screw terminals.

SPECIFICATIONS:

Inputs

Voltage-	100-240 VAC
Frequency-	50 Hz
Current-	1A @230VAC
Protection-	5x20mm, 1.6A Fuse.

Outputs

Total Power-	100 Watts
Voltage-	13.8 VDC
Main O/P Current-	4.75 Amp
Battery-	2.5 Amp
Hold up time-	20ms
Ripple-	150mV P/P
Line Regulation-	<0.3%
Load Regulation-	<0.9%
Protection:	
Current-	5x20mm 1.6A Fuse x5
Voltage-	N/A
Battery-	5x20mm 5A Fuse
	Plus current limited to 2.5A

Efficiency 86%

Isolation

In/Out-	500 V DC /100M Ohms
In/Gnd-	500 V DC /100M Ohms

Temperature

Operating-	0°C to 50°C
Rise Heatsink-	40°C

Mechanical

White Powder Coated Steel Cabinet	
Mounting-	4 x 5mm Key holes
Weight-	2.76 Kg
Dimensions-	260 x 310 x 80mm
Battery Capacity- 2 x 7A/h batteys	

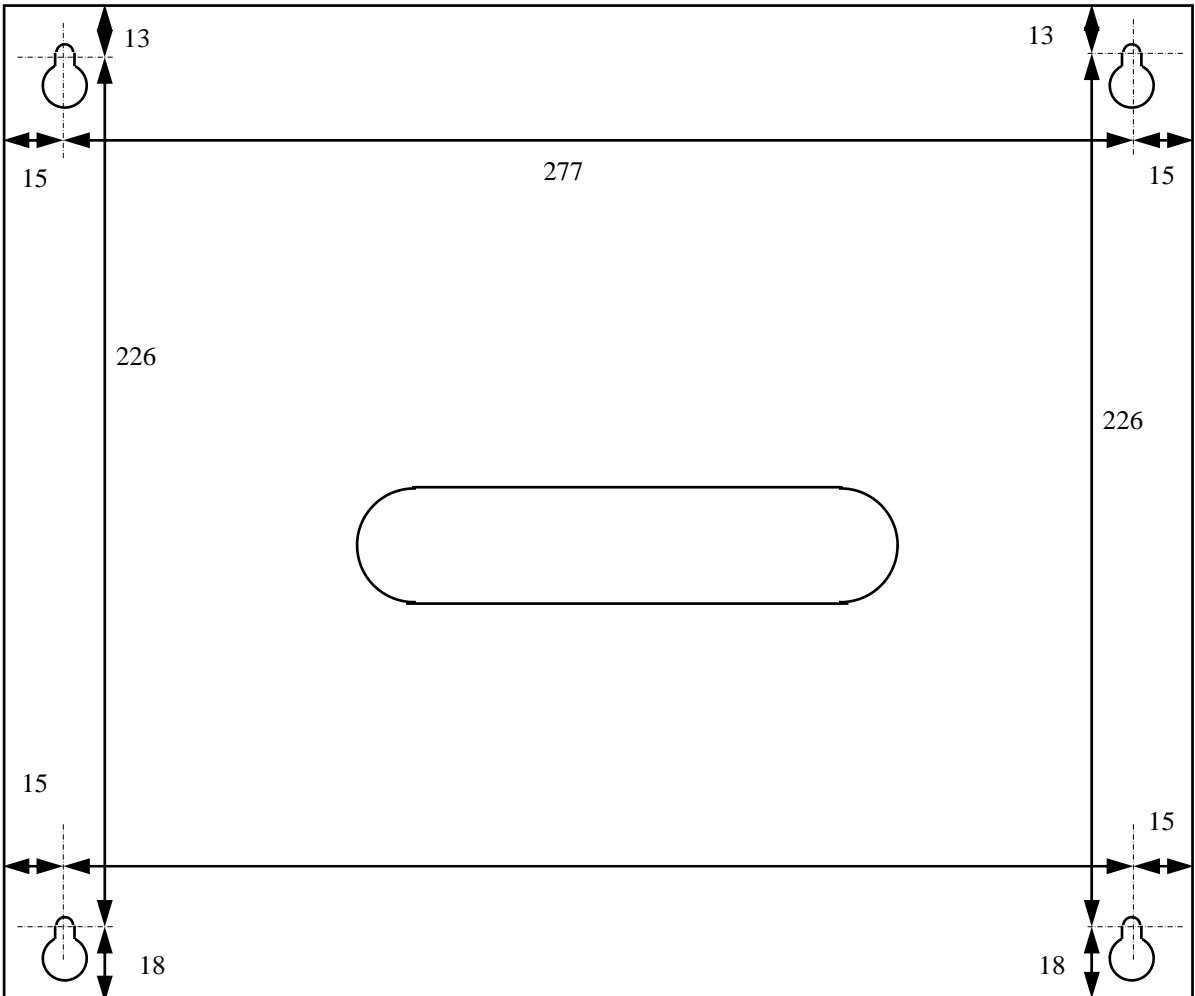
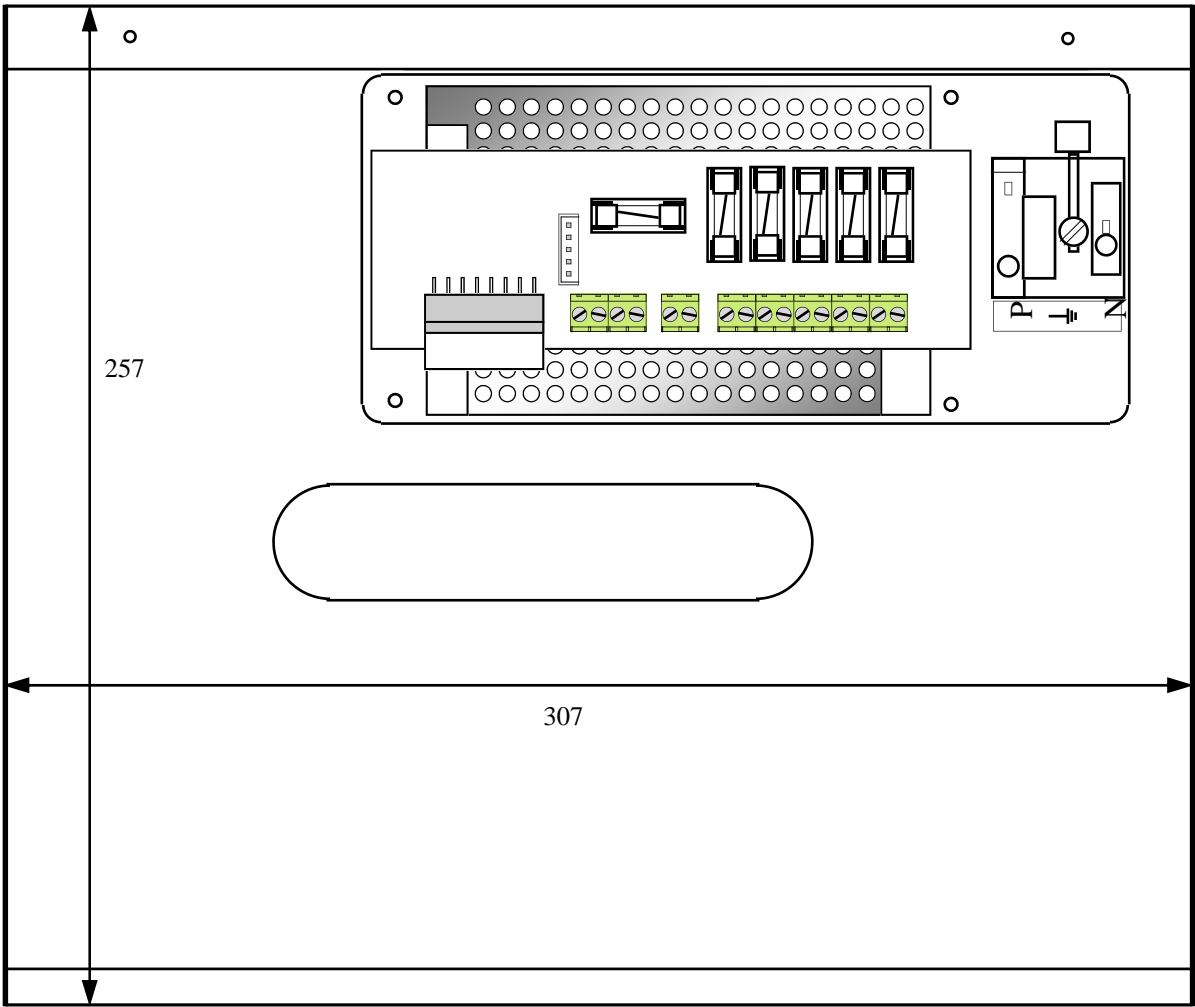
Connections

Input-	2.5mm ² Screw term. block
Out 1-5-	2.5mm Rising Clamp
Battery-	2.5mm Rising Clamp
Mains Fail-	2.5mm Rising Clamp
Batt. Fail-	2.5mm Rising Clamp

Accessories Supplied

- Battery Leads
- Cabinet Screws

PSU4B



WIRING

