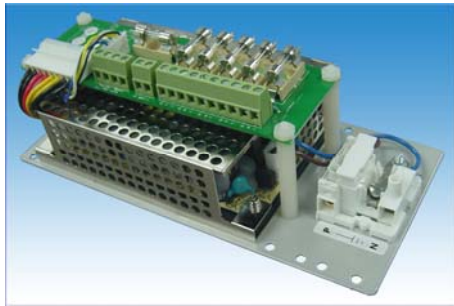


SWITCH MODE POWER SUPPLY



# PSU4

13.8 Volt 4.75 Amp

**FEATURES:**

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



**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 gear plate design allows it to be fitted inside other equipment. 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 Plate  
 Mounting- 4 x 4mm holes  
 Weight- 0.71 Kg  
 Dimensions- 198 x 92 x 66mm

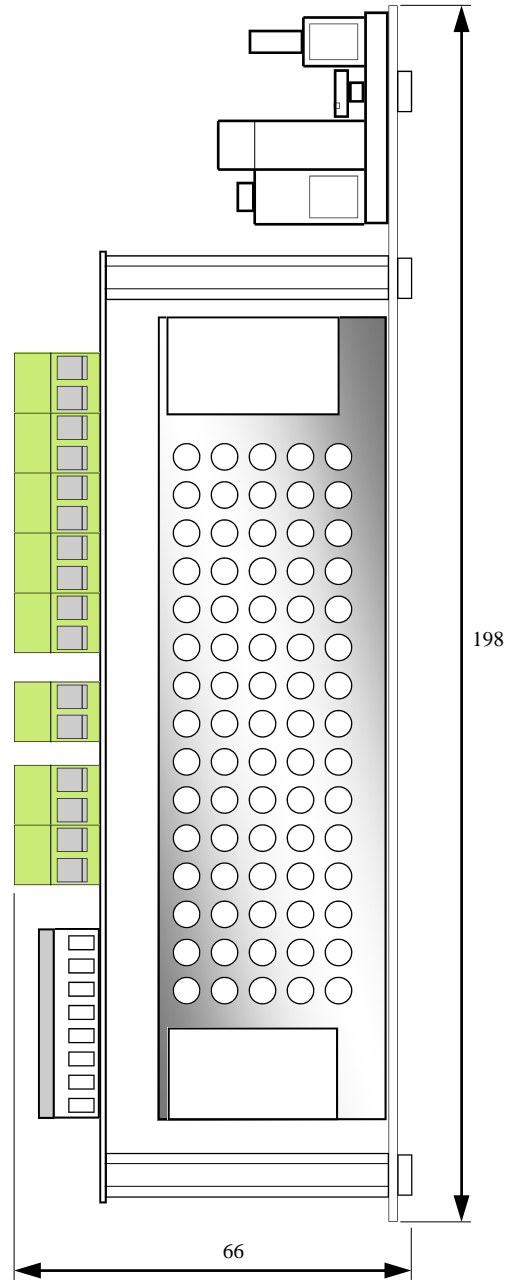
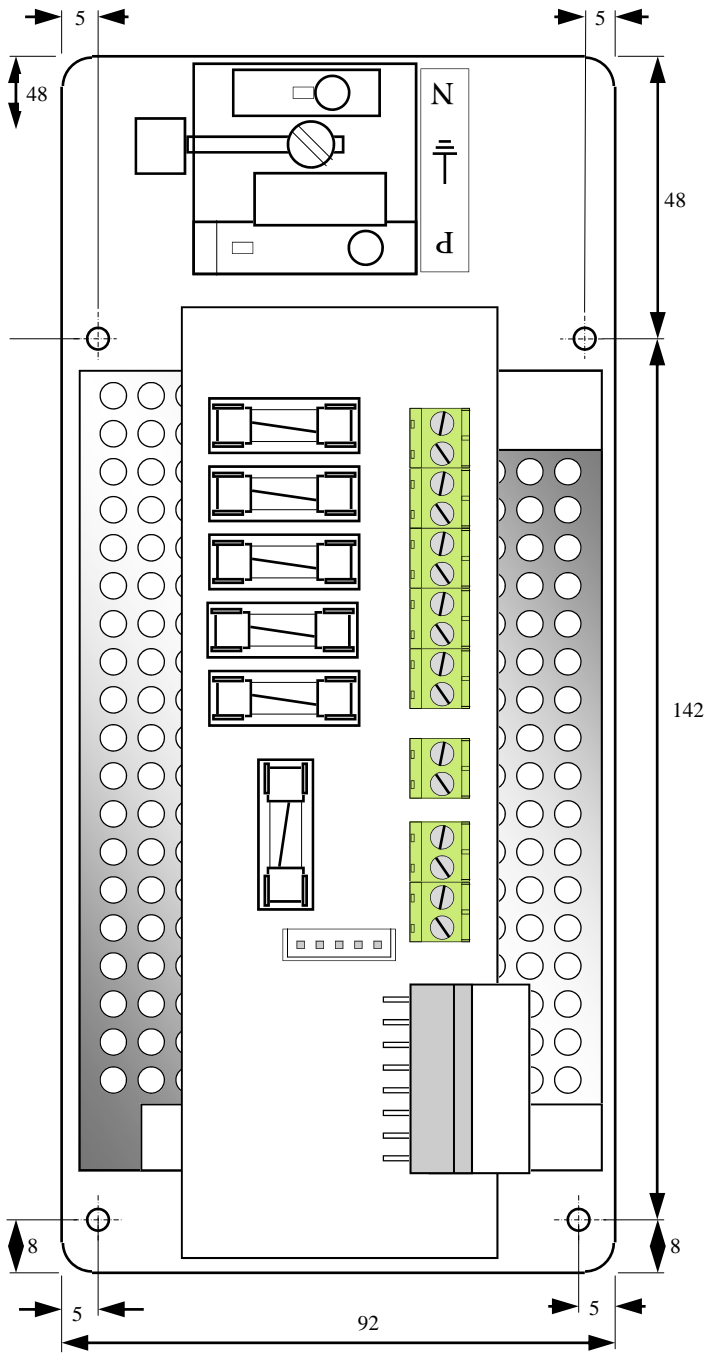
Connections

Input- 2.5mm<sup>2</sup> 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

# PSU4



# WIRING

