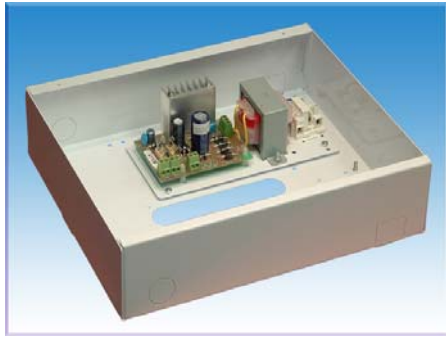


LINEAR POWER SUPPLY



PSU1B

13.8 Volt 1 Amp

FEATURES:

- Very Low Noise.
- Metal Cabinet
- Battery Charging.
- Two Fused Outputs.
- Output On Indicator.

DESCRIPTION:

The PSU1B is a linear power supply with two fused outputs and additional battery charging output. It's Metal cabinet has been designed, to fit Two standard 12V 7A/h Battery's in the bottom of the enclose.

SPECIFICATIONS:

Inputs

Voltage-	230 VAC, +/- 5%
Frequency-	50 Hz
Current-	0.15 A
Protection-	5x20mm, 250mA Fuse.

Outputs

Total Power-	20 Watts
Voltage-	13.8 VDC
Main O/P Current-	1 Amp
Battery-	0.3 Amp
Hold up time-	10ms
Ripple-	2 mV P/P
Line Regulation-	<0.15%
Load Regulation-	<0.7%
Protection:	
Current-	5x20mm 1.6A Fuse x2
Voltage-	N/A
Battery-	current limited to 300mA

Efficiency 55%

Isolation

In/Out-	4 KV AC 1 sec
In/Gnd-	1 KV DC

Temperature

Operating-	0°C to 50°C
Rise Heatsink-	51°C
Rise Transformer-	65°C
Over temp-	125°C thermal fuse

Mechanical

White Powder Coated Steel Cabinet	
Mounting-	4 x 5mm Key holes
Weight-	3.45 Kg
Dimensions-	260 x 310 x 80mm
Battery Capacity- 2 x 7A/h batteys	

Connections

Input-	2.5mm ² Screw term. block
Out 1-	2.5mm Rising Clamp
Out 2-	2.5mm Rising Clamp
Battery-	2.5mm Rising Clamp

Accessories Supplied

- Battery Leads
- Cabinet Screws

PSU1B

