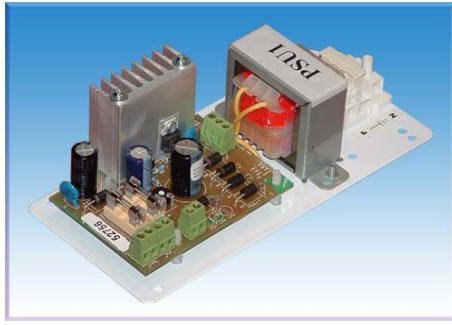


LINEAR POWER SUPPLY



PSU1

13.8 Volt 1 Amp

FEATURES:

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

DESCRIPTION:

The PSU1 is a linear power supply with two fused outputs and additional battery charging output. It's gear plate design allows it to be fitted inside other equipment. All connections are via screw terminals.

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 Non Resetting

Mechanical

White Powder Coated Steel Plate	
Mounting-	4 x 4mm holes
Weight-	1.4 Kg
Dimensions-	200 x 92 x 60mm

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

PSU1

