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LINEAR POWER SUPPLY



PSU1

13.8 Volt 1 Amp

FEATURES:

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

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

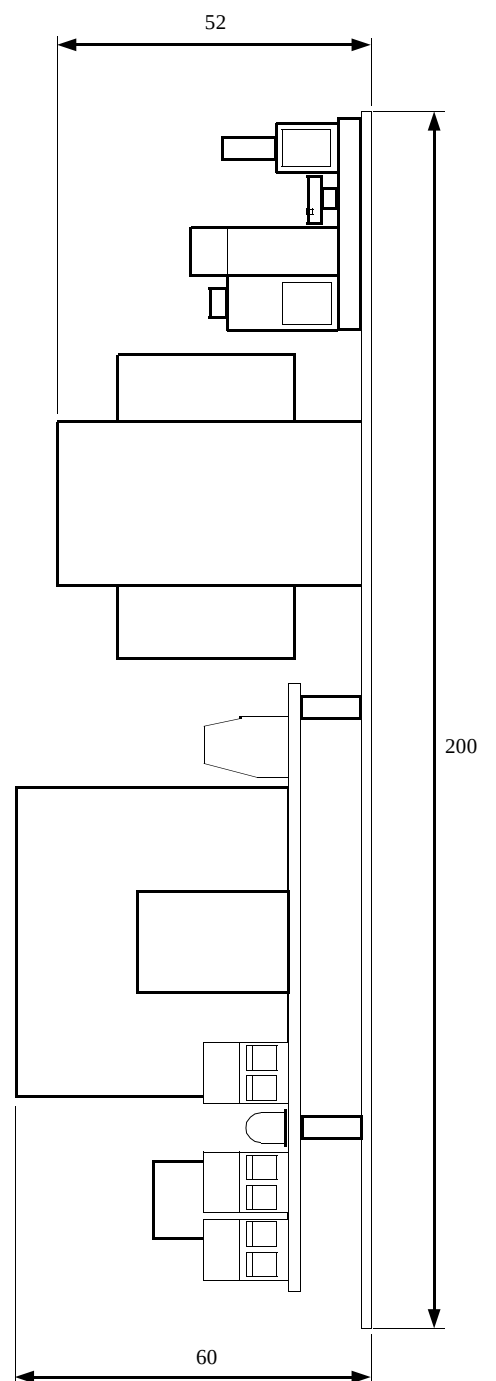
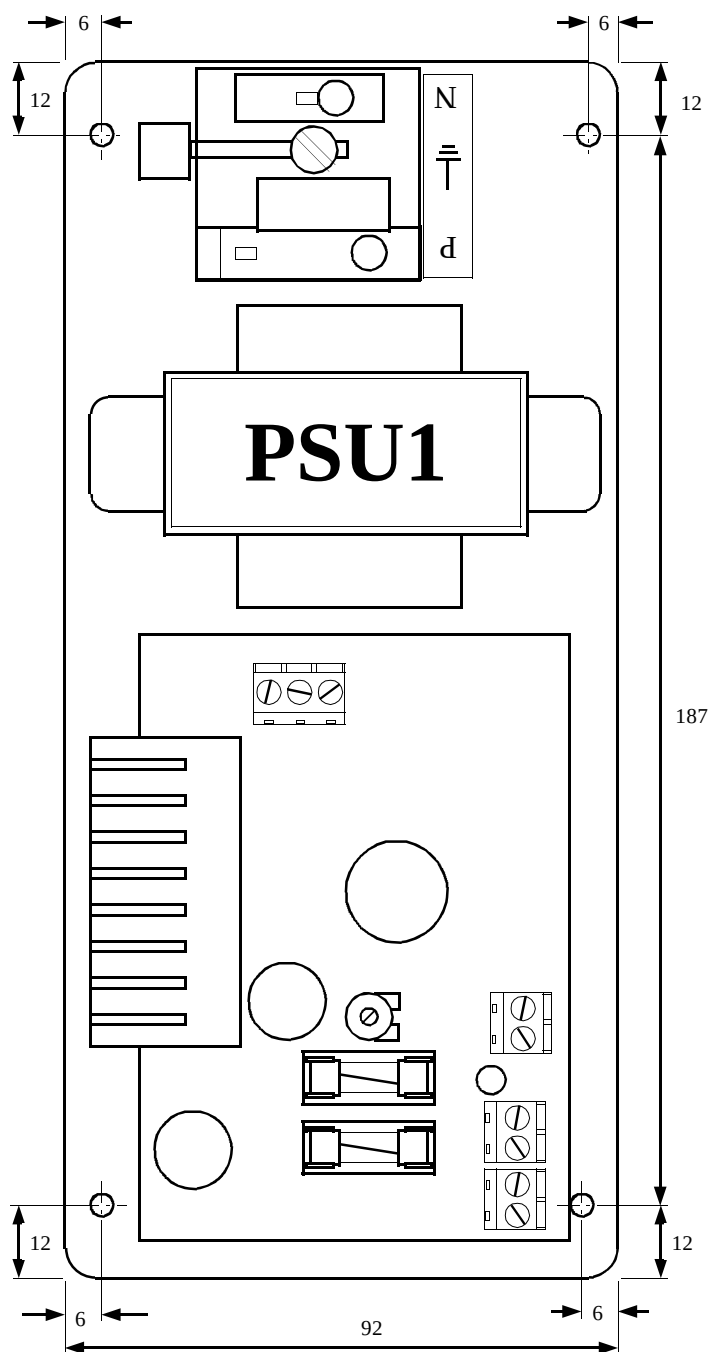
White Powder Coated Steel Plate
Mounting- 4 x 4mm holes
Weight- 1.4 Kg
Dimensions- 200 x 92 x 60mm

Connections

Input- 2.5mm² Screw term. block
Out 1- 2.5mm Rising Clamp
Out 2- 2.5mm Rising Clamp
Battery- 2.5mm Rising Clamp

Accessories Supplied

-Battery Leads



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

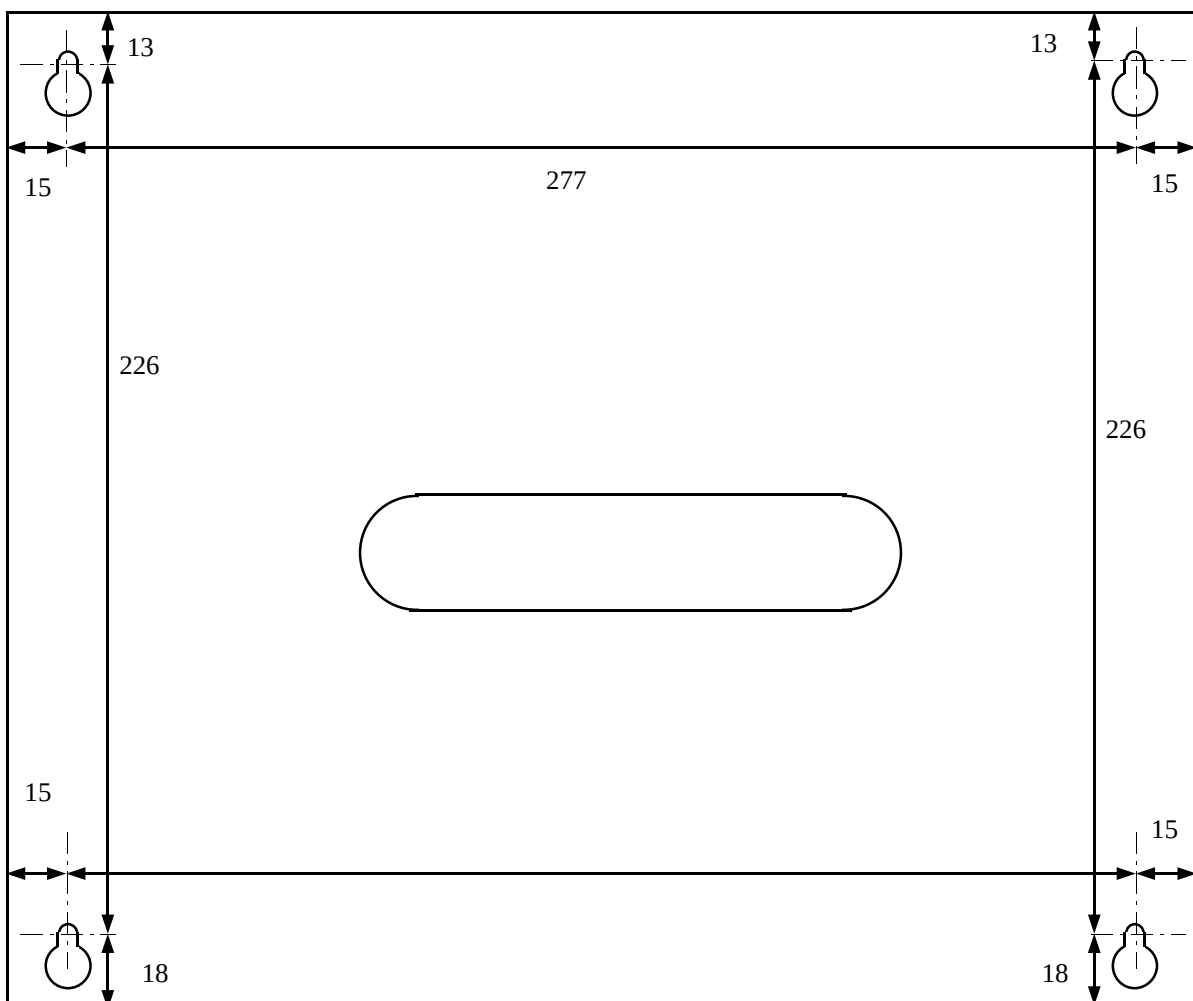
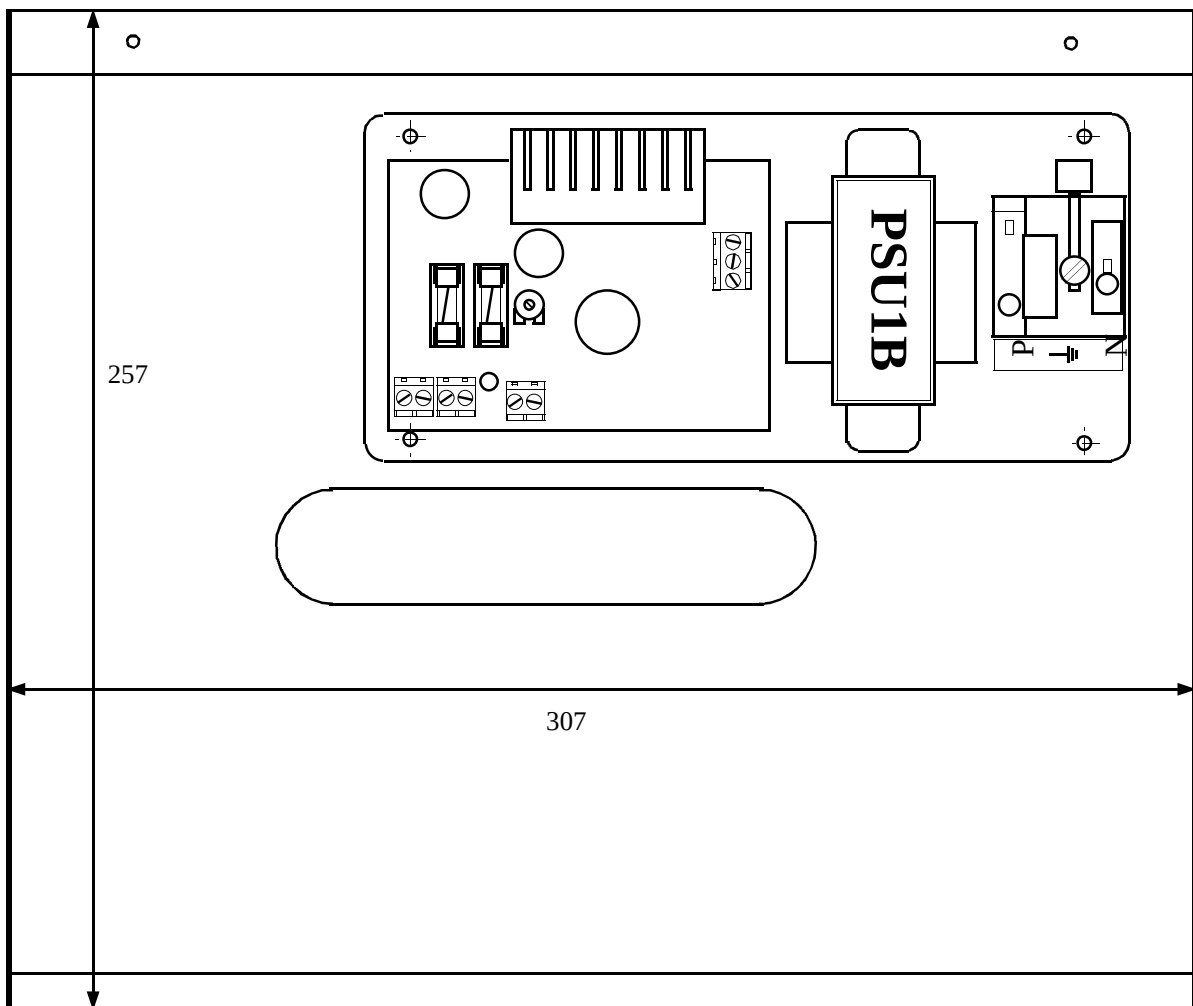
White Powder Coated Steel Cabinet
Mounting- 4 x 5mm Key holes
Weight- 3.45 Kg
Dimensions- 260 x 310 x 80mm
Battery Capacity- 2 x 7A/h batteys

Connections

Input- 2.5mm² 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



LINEAR POWER SUPPLY



PSU3

13.8 Volt 3 Amp

FEATURES:

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

DESCRIPTION:

The PSU3 is a linear power supply with two fused outputs and additional battery charging output. It's gear plate design allows it to be filled inside other equipment.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 290 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 41.5 Watts
Voltage- 13.8 VDC
Main O/P Current- 2.7 Amp
Battery- 0.3 Amp
Hold up time- 10 ms
Ripple- 2 mV P/P
Line Regulation- <6.6%
Load Regulation- <2.6%
Protection:
 Current- 5x20mm 3A Fuse x2
 Voltage- N/A
 Battery- current limited to 300mA

Efficiency 62.2%

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

Operating- 0°C to 50°C
Rise Heatsink- 52°C
Rise Transformer- 37°C
Over temp- N/A

Mechanical

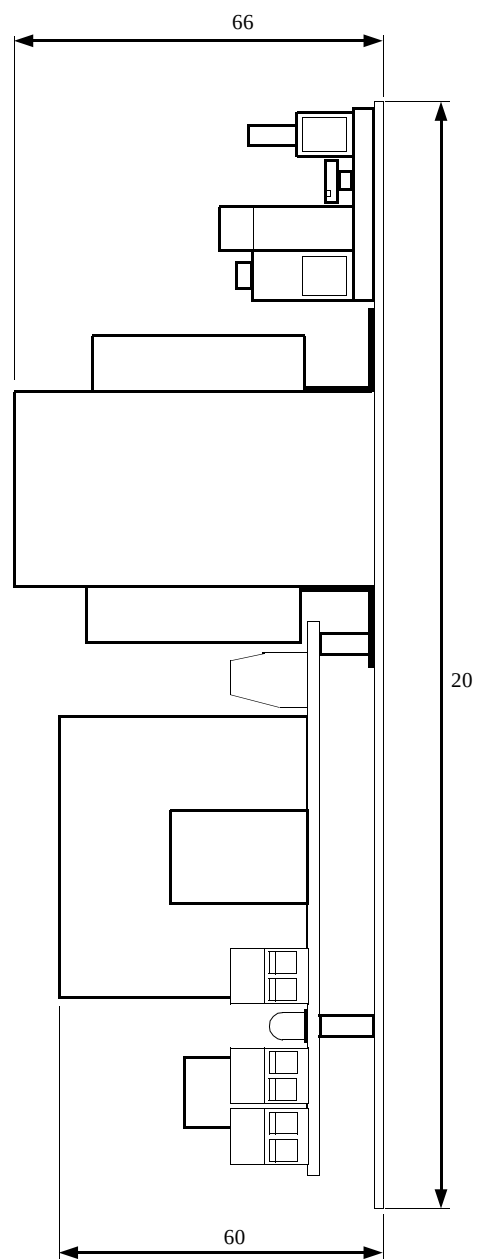
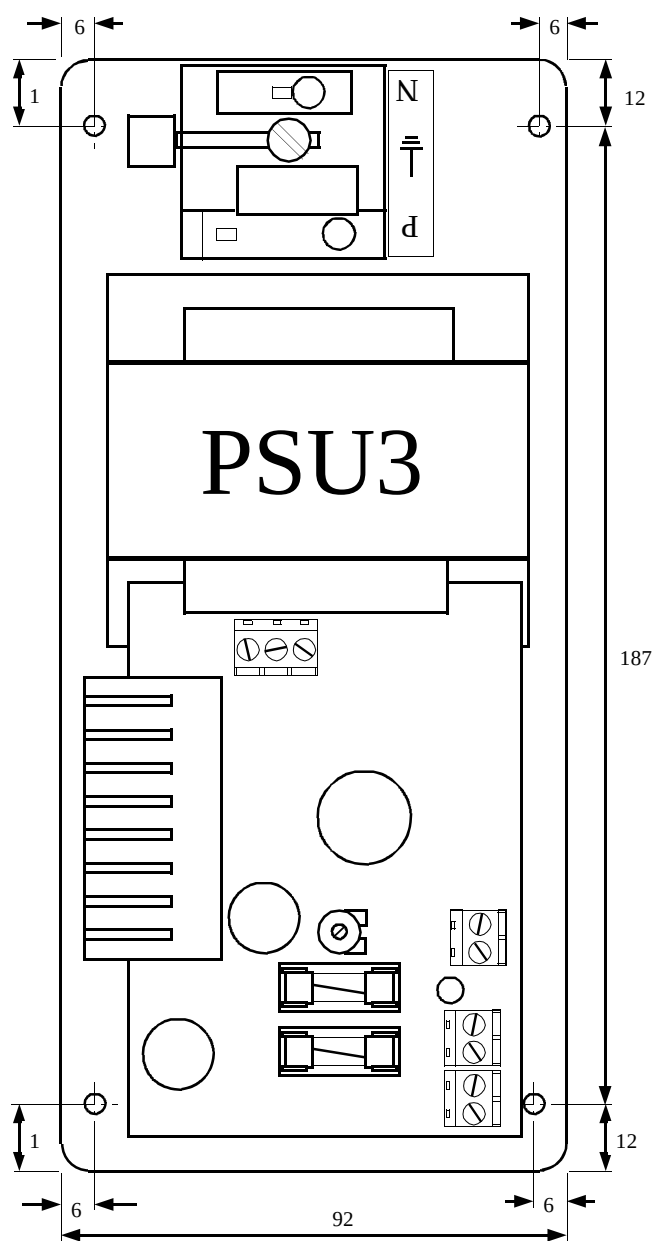
White Powder Coated Steel Plate
Mounting- 4 x 4mm holes
Weight- 2.0 Kg
Dimensions- 200 x 92 x 68mm

Connections

Input- 2.5mm² Screw term. block
Out 1- 2.5mm Rising Clamp
Out 2- 2.5mm Rising Clamp
Battery- 2.5mm Rising Clamp

Accessories Supplied

-Battery Leads



LINEAR POWER SUPPLY



PSU3B

13.8 Volt 3 Amp

FEATURES:

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

DESCRIPTION:

The PSU3B 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 enclosure. It's well ventilated design and large external heatsink ensure very reliable operation.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 290 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 41.5 Watts
Voltage- 13.8 VDC
Main O/P Current- 2.7 Amp
Battery- 0.3 Amp
Hold up time- 10 ms
Ripple- 10 mV P/P
Line Regulation- <8%
Load Regulation- <3.0%
Protection:
 Current- 5x20mm 3A Fuse x2
 Voltage- N/A
 Battery- current limited to 300mA

Efficiency 62.2%

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

Operating- 0°C to 50°C
Rise Heatsink- 50°C
Rise Transformer- 60°C
Over temp- N/A

Mechanical

Gun Metal Powder Coated Steel Cabinet
Mounting- 4 x 5mm Key holes
Weight- 4.4 Kg
Dimensions- 285 x 310 x 80mm
Battery Capacity- 2 x 7A/h batteys

Connections

Input- 2.5mm² 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

LINEAR POWER SUPPLY



PS5

13.8 Volt 5 Amp

FEATURES:

- Very Low Noise.
- Battery Charging.
- Mains Fail Relay Output and Indicator.
- Battery Fail Relay Output and Indicator.
- Output over voltage protection.

DESCRIPTION:

The family of power supplies are low Noise and linear. They incorporate twin output regulators, separate battery charge controller, crowbar protection, on board main & battery monitoring and a high efficiency regulation cooling system to ensure trouble free operation.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 550 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 83 Watts
Voltage- 13.8 VDC
Main O/P Current- 5 Amp
Battery- 1 Amp
Hold up time- 20 ms
Ripple- 10 mV P/P
Line Regulation- <0.3%
Load Regulation- <1.6%
Protection:
 Current- 5 A Blade fuse on Main and battery outputs.
 Voltage- Crowbar @ 16.5 Volts
 Reverse Battery protection Diode.

Efficiency 65.5%

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Accessories Supplied

-Battery Leads

Temperature

Operating- 0°C to 50°C
Rise Heatsink- 43°C
Rise Transformer- 40°C

Mechanical

Powder Coated Steel Plate
Mounting- 4 x 4mm holes
Weight- 3.9 Kg
Dimensions- 270 x 155 x 70mm

Connections

Input- 2.5mm² Screw term. block
Output- 3.3mm Screw terminal for spade lug.
Battery- 2.5mm Rising Clamp.
Mains fail- 2.5mm Rising Clamp.
Batt fail- 2.5mm Rising Clamp.

Indicators

AC Fail- Green LED
Low Battery- Green LED

Relay Outputs

AC Fail- Clean 1A relay contacts
Com, N/O, N/C
Low Battery- Clean 1A relay contacts
Com, N/O, N/C

LINEAR POWER SUPPLY	PS5M 13.8 Volt 5 Amp																																																
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Rise Heatsink-	43°C																																																		
Rise Transformer-	40°C																																																		
<u>Mechanical</u>																																																			
Gun Metal Powder Coated Steel Cabinet																																																			
Mounting-	4 x 4mm holes																																																		
Weight-	4.5 Kg																																																		
Dimensions-	285 x 310 x 80mm																																																		
Battery Capacity- 2 x 7A/h batteys																																																			
<u>Connections</u>																																																			
Input-	2.5mm ² Screw term. block																																																		
Output-	3.3mm Screw terminal for spade lug.																																																		
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AC Fail-	Green LED																																																		
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LINEAR POWER SUPPLY



PS5-12

12 Volt 5 Amp

FEATURES:

- Very Low Noise.
- Output over voltage protection.
- Low cost module.
- Gear plate to build into other equipment.

DESCRIPTION:

This is a low cost version of the PS5 it features the same low noise linear twin regulators and crowbar protection. There is just one output set to 12 Volts. These are excellent supply to run voltage critical devices such as CCTV Cameras.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 520 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 60 Watts
Voltage- 12 VDC
Main O/P Current- 5 Amp
Hold up time- 20 ms
Ripple- 10 mV P/P
Line Regulation- <0.3%
Load Regulation- <0.01%
Protection:
 Current- 5 A Blade fuse
 Voltage- Crowbar @ 16.5 Volts

Efficiency 50%

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

Operating- 0°C to 50°C
Rise Heatsink- 48°C
Rise Transformer- 40°C

Mechanical

Powder Coated Steel Plate
Mounting- 4 x 4mm holes
Weight- 3.9 Kg
Dimensions- 270 x 155 x 70mm

Connections

Input- 2.5mm² Screw term. block
Output- 3.3mm Screw terminal for spade lug.

LINEAR POWER SUPPLY



PS5M-12

12 Volt 5 Amp

FEATURES:

- Very Low Noise.
- Output over voltage protection.
- Meshed Cover
- Input via cord + plug

DESCRIPTION:

This is a low cost version of the PS5 it features the same low noise linier twin regulators and crowbar protection. There is just one output set to 12 Volts. These are excellent supply to run voltage critical devices such as CCTV Cameras. Supply comes prewired with 1.5 meter tap on 3 pin plug.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 520 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 60 Watts
Voltage- 12 VDC
Main O/P Current- 5 Amp
Hold up time- 20 ms
Ripple- 10 mV P/P
Line Regulation- <0.3%
Load Regulation- <0.01%
Protection:
 Current- 5 A Blade fuse
 Voltage- Crowbar @ 16.5 Volts

Efficiency 50%

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

Operating- 0°C to 50°C
Rise Heatsink- 48°C
Rise Transformer- 40°C

Mechanical

Powder Coated Steel Mesh Cover and Plate
Mounting- 4 x 4mm holes
Weight- 4.3 Kg
Dimensions- 270 x 155 x 82mm

Connections

Input- 2.5mm² Screw term. block
Output- 3.3mm Screw terminal for spade lug.

LINEAR POWER SUPPLY		PS5B-12 12 Volt 5 Amp	
		FEATURES: Very Low Noise. Output over voltage protection. Metal Cabinet	
DESCRIPTION: This is a low cost version of the PS5 it features the same low noise linier twin regulators and crowbar protection. There is just one output set to 12 Volts. These are excellent supply to run voltage critical devices such as CCTV Cameras.			
SPECIFICATIONS: Inputs Voltage- 230 VAC, +/- 10% Frequency- 50 Hz Current- 520 mA Protection- 5x20mm, 1.6A Fuse. Outputs Total Power- 60 Watts Voltage- 12 VDC Main O/P Current- 5 Amp Hold up time- 20 ms Ripple- 10 mV P/P Line Regulation- <0.3% Load Regulation- <0.01% Protection: Current- 5 A Blade fuse Voltage- Crowbar @ 16.5 Volts Efficiency 50% Isolation In/Out- 5 KV AC 1 sec In/Gnd- 5 KV DC Temperature Operating- 0°C to 50°C Rise Heatsink- 68°C Rise Transformer- 56°C Mechanical Gun Metal Powder Coated Steel Cabinet Mounting- 4 x 5mm Key holes Weight- 5.5 Kg Dimensions- 285 x 310 x 80mm Connections Input- 2.5mm² Screw term. block Output- 3.3mm Screw terminal for spade lug. Accessories Supplied -Cabinet Screws			

LINEAR POWER SUPPLY		PS5B-12C 12 Volt 5 Amp FEATURES: - Very Low Noise. - Output over voltage protection. - Metal Cabinet	
DESCRIPTION: This is a low cost version of the PS5 it features the same low noise linier twin regulators and crowbar protection. The main output is split up into 16 independently fuse outlets, great for running multiple small devices. These are excellent supply to run voltage critical devices such as CCTV Cameras.			
SPECIFICATIONS: Inputs Voltage- Frequency- Current- Protection- 230 VAC, +/- 10% 50 Hz 520 mA 5x20mm, 1.6A Fuse. Outputs Total Power- Voltage- Total O/P Current- Hold up time- Ripple- Line Regulation- Load Regulation- Protection: Current- Voltage- 60 Watts 12 VDC 5 Amp 20 ms 10 mV P/P <0.3% <0.01% Main 5 A Blade fuse 16 x 1.6A 20mm fuses Crowbar @ 16.5 Volts Efficiency 50% Isolation In/Out- In/Gnd- 5 KV AC 1 sec 5 KV DC Temperature Operating- Rise Heatsink- Rise Transformer- 0°C to 50°C 68°C 56°C Mechanical Gun Metal Powder Coated Steel Cabinet Mounting- Weight- Dimensions- 4 x 5mm Key holes 5.65 Kg 285 x 310 x 80mm Connections Input- Outputs- 2.5mm² Screw term. block 2.5mm Rising Clamp. (each output has it's own Positive and Negative connection). Accessories Supplied -Cabinet Screws			

LINEAR POWER SUPPLY



PS5RK-12

12 Volt 5 Amp

FEATURES:

- Very Low Noise.
- Output over voltage protection.
- Metal Rack Cabinet
- IEC Mains input socket

DESCRIPTION:

This is our low noise linier PS5-12 fixed into the 2U 19" Rack cabinet, with 8 independent self resetting fused outlets. Set to 12 Volts this is an excellent supply to run voltage critical devices such as CCTV Cameras.

SPECIFICATIONS:

Inputs

Voltage-	230 VAC, +/- 10%
Frequency-	50 Hz
Current-	520 mA
Protection-	5x20mm, 1.6A Fuse in IEC.

Outputs

Total Power-	60 Watts
Voltage-	12 VDC
Total O/P Current-	5 Amp
Hold up time-	20 ms
Ripple-	10 mV P/P
Line Regulation-	<0.3%
Load Regulation-	<0.01%
Protection:	
Current-	Main 5 Amp PTC fuse
Voltage-	8 x 1.6Amp PTC fuses
	Crowbar @ 16.5 Volts

<u>Efficiency</u>	50%
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Isolation

In/Out-	5 KV AC 1 sec
In/Gnd-	5 KV DC

Temperature

Operating-	0°C to 50°C
Rise Heatsink-	68°C
Rise Transformer-	56°C

Mechanical

Mounting-	Std 2U 19" Rack 6 x 10mm mounting holes
Weight-	6.7 Kg
Dimensions-	482 x 88 x 220mm

Connections

Input-	IEC Socket
Outputs-	2.5mm Removable Rising Clamp. (each output has it's own Positive and Negative connection).

Indication

AC ON-	Green LED on face
Output ON-	Green LED on face

Accessories Supplied

- 4 x M6 20mm Bolts
- 1.5 Meter IEC mains lead

SWITCH MODE POWER SUPPLY		PS18B-12 12 Volt 18 Amp																	
		FEATURES: • Metal Cabinet • IEC Mains input socket • Temperature switched Fan • 18 Amp current limited output.																	
DESCRIPTION: The 18 amp 12 volt switch mode module will provide you very smooth regulation, with plenty of power. Put in a heavy duty steal cabinet with mesh cover for good ventilation.																			
SPECIFICATIONS: <table><tr><td colspan="2"> Inputs Voltage- 230 VAC, +/- 10% Frequency- 50 Hz Current- 1120 mA Protection- 5x20mm, 1.6A Fuse. </td><td colspan="2"> Temperature Operating- 0°C to 50°C Rise Heatsink- 50°C </td></tr><tr><td colspan="2"> Outputs Total Power- 216 Watts Voltage- 12 VDC Main O/P Current- 18 Amp Hold up time- 20 ms Ripple- 150 mV P/P Line Regulation- <0.5% Load Regulation- <4.1% Protection: Current- Over load Protection @105-135% Voltage- 14.4-16.8V Over Temp- >70°C </td><td colspan="2"> Mechanical Mounting- 4 x 3mm holes Weight- 3.75 Kg Dimensions- 435 x 85 x 190mm </td></tr><tr><td colspan="2"> Efficiency 86% </td><td colspan="2"> Connections Input- IEC Socket Output- 2.5mm Removable Rising Clamp. </td></tr><tr><td colspan="2"> Isolation In/Out- 500 V DC / 100M Ohms In/Gnd- 500 V DC / 100M Ohms </td><td colspan="2"> Accessories Supplied -1.5 Meter IEC mains lead </td></tr></table>				Inputs Voltage- 230 VAC, +/- 10% Frequency- 50 Hz Current- 1120 mA Protection- 5x20mm, 1.6A Fuse.		Temperature Operating- 0°C to 50°C Rise Heatsink- 50°C		Outputs Total Power- 216 Watts Voltage- 12 VDC Main O/P Current- 18 Amp Hold up time- 20 ms Ripple- 150 mV P/P Line Regulation- <0.5% Load Regulation- <4.1% Protection: Current- Over load Protection @105-135% Voltage- 14.4-16.8V Over Temp- >70°C		Mechanical Mounting- 4 x 3mm holes Weight- 3.75 Kg Dimensions- 435 x 85 x 190mm		Efficiency 86%		Connections Input- IEC Socket Output- 2.5mm Removable Rising Clamp.		Isolation In/Out- 500 V DC / 100M Ohms In/Gnd- 500 V DC / 100M Ohms		Accessories Supplied -1.5 Meter IEC mains lead	
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SWITCH MODE POWER SUPPLY



PS18RK-12

12 Volt 18 Amp

FEATURES:

- Mains Fail Relay Output and Indicator.
- 18 Amp current limited output.
- Fuse blow indication and relay output.
- Temperature switched Fan

DESCRIPTION:

This rack mount supply has 16 independent fused outlets, each one has an intelligent fuse blow detection, lighting up what fuse has blown and triggering a relay output that can be monitored. The 18 amp 12 volt switch mode module inside will provide you very smooth regulation, with plenty of power.

SPECIFICATIONS:

Inputs

Voltage- 230 VAC, +/- 10%
Frequency- 50 Hz
Current- 1120 mA
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- 216 Watts
Voltage- 12 VDC
Main O/P Current- 18 Amp
Hold up time- 20 ms
Ripple- 150 mV P/P
Line Regulation- <0.5%
Load Regulation- <4.1%
Protection:
 Current- Over load Protection @105-135%
 Voltage- 14.4-16.8V
 Over Temp- >70°C

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- 50°C

Mechanical

Mounting- Std 2U 19" Rack
6 x 10mm mounting holes
Weight- ??
Dimensions- 482 x 88 x 220mm

Connections

Input- IEC Socket
Outputs- 2.5mm Removable Rising Clamp.
(each output has it's own Positive and Negative connection).

Indicators

AC Fail- Green LED
Fuse Fail- Green LED

Accessories Supplied

-1.5 Meter IEC mains lead
-4 x M6 20mm Bolts

ALTERNATING CURRENT POWER SUPPLY		PS24AC-8 24 Volt AC 8 Amp																																																																													
		FEATURES: - Metal Cabinet 16 x Fused outlets																																																																													
DESCRIPTION: Simplicity is the key, this supply has one large 190VA Toroidal, split into 16 independent fused outlets.																																																																															
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ALTERNATING CURRENT POWER SUPPLY		PS24RK-8 24 Volt AC 8 Amp																									
		FEATURES: - Mains Fail Relay Output and Indicator. - Fuse blow indication and relay output. 16 fused outlets																									
DESCRIPTION: We’ve taken the simplicity of the PS24AC-8 and put it in a Rack cabinet, will a couple of extra, Mains and Fuse fail relays for monitoring.																											
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Main O/P Current-	Amp																										
Battery-	Amp																										
Hold up time-	ms																										
Ripple-	mV P/P																										
Line Regulation-	<%																										
Load Regulation-	<%																										
Current-	1.6 Amp per output.																										
Mounting-	Std 2U 19” Rack 6 x 10mm mounting holes																										
Weight-	??																										
Dimensions-	482 x 88 x 220mm																										
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ALTERNATING CURRENT POWER SUPPLY		PS24RK-16 24 Volt AC 16 Amp																					
		FEATURES: • Mains Fail Relay Output and Indicator. • Fuse blow indication and relay output. • 16 fused outlets																					
DESCRIPTION: This is a 16 Amp version of the PS24RK-8.																							
SPECIFICATIONS: <table><tr><td colspan="2"> Inputs Voltage-230 VAC, +/- 10% Frequency-50 Hz Current-mA Protection-5x20mm, 3A Fuse. </td><td colspan="2"> Temperature Operating-0°C to 50°C Rise Heatsink-°C Rise Transformer-°C </td></tr><tr><td colspan="2"> Outputs Total Power-Watts Voltage-VDC Main O/P Current-Amp Battery-Amp Hold up time-ms Ripple-mV P/P Line Regulation-<% Load Regulation-<% Protection: Current-1.6 Amp per output. </td><td colspan="2"> Mechanical Mounting-Std 2U 19" Rack 6 x 10mm mounting holes Weight-?? Dimensions-482 x 88 x 220mm </td></tr><tr><td colspan="2"> Efficiency% </td><td colspan="2"> Connections Input-IEC Socket Outputs-2.5mm Removable Rising Clamp. </td></tr><tr><td colspan="2"> Isolation In/Out-5 KV AC 1 sec In/Gnd-5 KV DC </td><td colspan="2"> Indicators AC Fail-Green LED Fuse Fail-Green LED </td></tr><tr><td colspan="2"> Accessories Supplied -1.5 Meter IEC mains lead -4 x M6 20mm Bolts </td><td colspan="2"> Relay Outputs AC Fail-Clean 1A relay contacts Com, N/O, N/C Fuse Fail-Clean 1A relay contacts Com, N/O, N/C </td></tr></table>				Inputs Voltage-230 VAC, +/- 10% Frequency-50 Hz Current-mA Protection-5x20mm, 3A Fuse.		Temperature Operating-0°C to 50°C Rise Heatsink-°C Rise Transformer-°C		Outputs Total Power-Watts Voltage-VDC Main O/P Current-Amp Battery-Amp Hold up time-ms Ripple-mV P/P Line Regulation-<% Load Regulation-<% Protection: Current-1.6 Amp per output.		Mechanical Mounting-Std 2U 19" Rack 6 x 10mm mounting holes Weight-?? Dimensions-482 x 88 x 220mm		Efficiency%		Connections Input-IEC Socket Outputs-2.5mm Removable Rising Clamp.		Isolation In/Out-5 KV AC 1 sec In/Gnd-5 KV DC		Indicators AC Fail-Green LED Fuse Fail-Green LED		Accessories Supplied -1.5 Meter IEC mains lead -4 x M6 20mm Bolts		Relay Outputs AC Fail-Clean 1A relay contacts Com, N/O, N/C Fuse Fail-Clean 1A relay contacts Com, N/O, N/C	
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Accessories Supplied -1.5 Meter IEC mains lead -4 x M6 20mm Bolts		Relay Outputs AC Fail-Clean 1A relay contacts Com, N/O, N/C Fuse Fail-Clean 1A relay contacts Com, N/O, N/C																					

LINEAR POWER SUPPLY



PSU24/1.5

27.6 Volt 1.5 Amp

FEATURES:

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

DESCRIPTION:

The PSU24/1.5 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-
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- Watts
Voltage- 27.6 VDC
Main O/P Current- 1.5 Amp
Battery- Amp
Hold up time- ms
Ripple- mV P/P
Line Regulation-
Load Regulation-
Protection:
Current- 5x20mm 1.6A Fuse x2
Voltage- N/A
Battery- current limited to 300mA

Efficiency

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

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

Mechanical

White Powder Coated Steel Plate
Mounting- 4 x 4mm holes
Weight- Kg
Dimensions- 200 x 92 x 66mm

Connections

Input- 2.5mm² Screw term. block
Out 1- 2.5mm Rising Clamp
Out 2- 2.5mm Rising Clamp
Battery- 2.5mm Rising Clamp

Accessories Supplied

-Battery Leads + Battery link lead

LINEAR POWER SUPPLY



PSU24/1.5B

27.6 Volt 1.5 Amp

FEATURES:

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

DESCRIPTION:

The PSU24/1.5B 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-
Protection- 5x20mm, 1.6A Fuse.

Outputs

Total Power- Watts
Voltage- 27.6 VDC
Main O/P Current- 1.5 Amp
Battery- Amp
Hold up time- ms
Ripple- mV P/P
Line Regulation-
Load Regulation-
Protection:
Current- 5x20mm 1.6A Fuse x2
Voltage- N/A
Battery- current limited to 300mA

Efficiency

Isolation

In/Out- 5 KV AC 1 sec
In/Gnd- 5 KV DC

Temperature

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

Mechanical

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

Connections

Input- 2.5mm² Screw term. block
Out 1- 2.5mm Rising Clamp
Out 2- 2.5mm Rising Clamp
Battery- 2.5mm Rising Clamp

Accessories Supplied

-Battery Leads + Battery link lead
-Cabinet Screws

LINIER POWER SUPPLY		PS24-3B 27.6 Volt DC 3 Amp	
		FEATURES: • Very Low Noise. • Battery Charging. • Mains Fail Relay Output and Indicator. • Battery Fail Relay Output and Indicator. • Output over voltage protection. • Metal Cabinet	
DESCRIPTION: The family of power supplies are low Noise and linier. They incorporate twin output regula- tors, separate battery charge controller, crowbar protection, on board main & battery moni- toring and a high efficiency regulation cooling system to ensure trouble free operation.			
SPECIFICATIONS:			
Inputs Voltage-230 VAC, +/- 10% Frequency-50 Hz Current-mA Protection-5x20mm, 1.6A Fuse.		Temperature Operating-0°C to 50°C Rise Heatsink-°C Rise Transformer-°C	
Outputs Total Power-Watts Voltage-VDC Main O/P Current-Amp Battery-Amp Hold up time-ms Ripple-mV P/P Line Regulation-<% Load Regulation-<% Protection: Current-3 A Blade fuse on Main and battery outputs. Voltage-Crowbar @ 28.5 Volts Reverse Battery protection Diode.		Mechanical Mounting-4 x 5mm Key holes Weight-Kg Dimensions-285 x 310 x 80mm Battery Capacity-2 x 7A/h batteys	
Efficiency%		Connections Input-2.5mm² Screw term. block Output-3.3mm Screw terminal for spade lug. Battery-2.5mm Rising Clamp. Mains fail-2.5mm Rising Clamp. Batt fail-2.5mm Rising Clamp.	
Isolation In/Out-5 KV AC 1 sec In/Gnd-5 KV DC		Indicators AC Fail-Green LED Low Battery-Green LED	
Accessories Supplied -Battery Leads + Battery link lead -Cabinet Screws		Relay Outputs AC Fail-Clean 1A relay contacts Com, N/O, N/C Low Battery-Clean 1A relay contacts Com, N/O, N/C	

SWITCH MODE POWER SUPPLY		PS24-6.5B 24 Volt DC 6.5 Amp FEATURES: - Switched Relay Output for fire systems. - Metal Cabinet. - IEC Mains input socket. - Current limited output.	
DESCRIPTION: This switch mode module has a Relay controlled output, that allows a trigger it to hold in door locks if an alarm is activated (this feature can be bypassed if not needed). We have put it in a heavy duty steal cabinet, with mesh cover for good ventilation.			
SPECIFICATIONS: Inputs Voltage- Frequency- Current- Protection- 230 VAC, +/- 10% 50 Hz mA 5x20mm, 1.6A Fuse. Outputs Total Power- Voltage- Main O/P Current- Battery- Hold up time- Ripple- Line Regulation- Load Regulation- Protection: Current- Watts VDC Amp Amp ms mV P/P <% <% Efficiency % Isolation In/Out- In/Gnd- 5 KV AC 1 sec 5 KV DC Accessories Supplied -1.5 Meter IEC mains lead		Temperature Operating- Rise Heatsink- Rise Transformer- 0°C to 50°C °C °C Mechanical Mounting- Weight- Dimensions- 4 x 3mm holes Kg 435 x 85 x 190mm Connections Input- Outputs- IEC Socket 2.5mm Removable Rising Clamp.	

