



## RPS12-5

The RPS12-5 is a fully regulated 12 volt linear power supply. Supplying a continuous current of 2 amps (see graph for cycle times). It features output short circuit protection, overload protection and is thermally fuse protected against overheating or excessive primary current draw. If this fuse fails or if in the event a circuit failure occurs or the power supply cord is damaged, the unit must be returned to your place of purchase. This power supply has been approved for safety and performance. Please ensure that connections made to the output terminals comply with Australian wiring rules.

**Important Note:** after prolonged use, the power supply will become HOT. If the power supply is being used close to the maximum ratings ensure: That the cooling vents are unobstructed and the power supply is in a well ventilated area.

### Operation:

1. Connect the electronic equipment to the power supply terminals, making sure that you do not reverse the polarity. The Red terminal is POSITIVE (+) and the BLACK terminal is NEGATIVE (-).
2. Plug the power supply 3 pin plug into a 240 volt AC outlet.
3. The Red LED will light, indicating the power supply is ON.

<b>Model</b>	RPS12-5
<b>Input voltage</b>	240VAC 50Hz
<b>Output voltage</b>	13.8 VDC $\pm$ 5% (fully regulated)
<b>Current rating</b>	2 amp continuous
<b>Load regulation</b>	Better than 1% (0-3 amps)
<b>Ripple</b>	15mV typical 200mV @ 3 amps
<b>Dimensions (mm)</b>	102W x 190D x 75H
<b>Weight</b>	1.7kg

**Approvals** - N14683, C tick to AS/NZS 4417,  
Complies with AS/NZS 3260

## RPS12-10

### Operation:

1. Connect the electronic appliance to the power supply terminals, observing the correct polarity. RED terminal is POSITIVE (+) and BLACK terminal is NEGATIVE (-).
2. Plug power supply 3 pin plug into a 240 volt AC outlet.
3. The RED Led will illuminate, indicating the power supply is ON.
4. Should the power cord be damaged at any time, return unit to your place of purchase for repair.

**Important Note:** after prolonged use, the power supply will become HOT. If the power supply is being used close to the maximum ratings ensure: That the cooling vents are unobstructed and the power supply is in a well ventilated area.

<b>Model</b>	RPS12-10
<b>Input voltage</b>	240V AC 50Hz (1.3A)
<b>Output voltage</b>	13.6V DC $\pm$ 2%
<b>Input current</b>	0.9A
<b>Rated output current</b>	10 amp continuous
<b>Efficiency</b>	87%
<b>Ripple &amp; noise</b>	60mV @ 12-15V
<b>Line regulation</b>	$\geq$ 98%
<b>Overload protection</b>	Current & temperature
<b>Parallel operation</b>	Not possible
<b>Series operation</b>	Yes
<b>Operating temperature</b>	0° to 80°C
<b>Cooling</b>	Fan
<b>Isolation</b>	Input to Output 3000VAC
<b>EMC</b>	Conducted/radiated EN55022-B
<b>Output connections</b>	Red (+), Black (-) posts
<b>Input connections</b>	3 pin, 10 amp AC plug
<b>Dimensions (mm)</b>	230W 115L 66H
<b>Weight</b>	1.2kg

### Approvals:

Complies to AS/NZS 60950; 2000 Inc. Amendment 1  
Approval No. 17018, C Tick Approval to AS/NZS 4417

**Warranty Conditions:** Our products come with guarantees that cannot be excluded under the Australian Consumer Law.

The customer is entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. The customer is also entitled to have the products repaired or replaced if the products fail to be of acceptable quality and the failure does not amount to a major failure.

GSL Electronics (GSL) warrants that its products will, under normal use and service, be free of defects in material and workmanship for a period of two (2) years from the date of the original purchase by the customer as marked on the customer's original invoice. Please refer to our website for full warranty and return information which can be found at <http://www.gsl.com.au/faq.html>