



## 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.

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

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

### Approvals:

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

*Warranty Conditions:* The product is warranted to be free from defects in materials and workmanship under normal use and service for a period of 24 months from the date of sale. This warranty covers defective parts and workmanship provided that the product is shipped prepaid to the seller within 24 months of purchase of goods. This warranty is limited to the repair or replacement (at the manufacturers' discretion) of parts and shipping prepaid to the original despatch destination. We regret that no liability can be accepted for consequential or special damages of any kind howsoever arising in connection with products supplied by the seller. This warranty is in lieu of all other warranties expressed or implied. No representative is authorised to assume for the seller any other liability in connection with the seller's products.