

OP-PS3002

30 Amp Switching Power Supply – Manual

Model	OP-PS3002
Input Voltage	115 VAC, 60Hz
Polarity Grounded	Negative
Output Voltage	13.8 VDC Fixed
Amp Rating (13.8VDC)	25A continuous / 30A Surge
Internal Input Fuse	8A @ 115 VAC
Ripple & Noise / Efficiency	<100mV / 75%
Dimensions (L*W*H mm)	186 x 129 x 61
Net Weight	1.46 kg (3.2 lbs)
Operating temperature rating	0 ~ 50 °C
Storage temperature	-20 ~ 85 °C

Specifications may change without prior notice or obligation.

User information

- The OPEK **OP-PS3002** power supply is designed to run almost any 12 Volt Power electronic product.
- **Check the mains supply voltage:** Please confirm that the wall AC outlet input to the power supply is 110-120 VAC.
- **Turning the power supply ON/Off:** Please use the left side rocker switch to turn the Power Supply On/Off.
- **NOTE:** It is recommended that you turn off your DC electronic equipment before turning off the power supply.

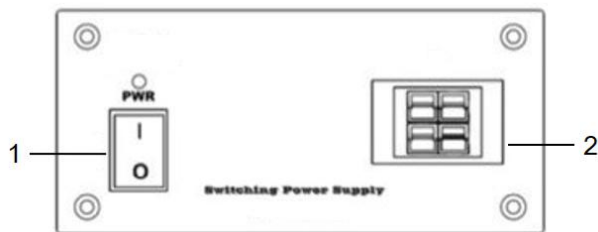
Cooling

The **OP-PS3002** power supply is cooled by convection and forced air cooling. That is normal airflow around the power supply in combination with a temperature controlled fan to improve cooling at higher levels of use. The fan is always activated, and the speed is controlled by a sensor. When the temperature rises, the fan speed increases.

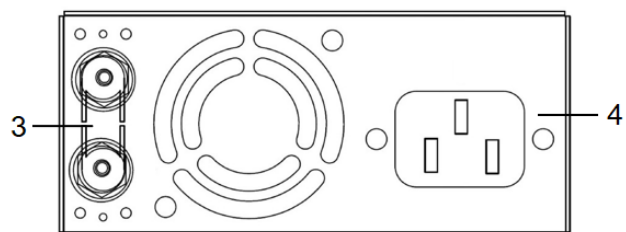
Installation

1. Unplug the power supply from the main AC Power outlet.
2. Connect the DC power cable's positive (red) wire to the positive terminal and connect the negative (black) wire to the negative terminal on the front or back of the power supply.
3. Plug the power cable into the power socket on the back of the radio.

FRONT PANEL



REAR PANEL



- 1 Power ON/OFF Switch (Illuminated Power Switch)
- 2 DC Output I (Dual Powerpole connectors)
- 3 DC Output II (Binding post)
- 4 AC Power cord input socket



Caution:

Install the power supply only indoors. It is not designed for operation outdoors or in wet environments.

2 YEAR - LIMITED WARRANTY

12 Volt Power is the distributor for this power supply product manufactured by OPEK. 12 Volt Power offers this product to be free from defects in material and workmanship for a 2-year period from date of purchase, provided the following terms of this warranty are satisfied.

1. This power supply unit is manufactured by OPEK to the 12 Volt Power specifications.
2. This power supply unit includes a 2-year limited warranty to the original purchasing customer and is not transferable. 12 Volt Power agrees to repair or replace at our option without charge for any defective product under our warranty.
3. The purchaser must retain the dated proof-of-purchase (sales receipt) describing the product to establish the validity of the warranty claim and submit the original or photocopy of such proof-of-purchase to 12 Volt Power at the time to obtain warranty service. 12 Volt Power reserves the right to deny a warranty claim, without dated proof-of-purchase sales receipt.
4. Any evidence of tampering and/or modification of this sealed unit will void the warranty.
5. Under no circumstances is 12 Volt Power or the manufacturer, OPEK, liable for consequential damages to persons or property while operating this power supply.
6. Please contact us with any questions regarding the operation of this product.
7. **TO OBTAIN WARRANTY SERVICE WORK/REPAIR:** The customer shall include a copy of the sales receipt, along with a short description of the problem they are experiencing with the unit. This unit should be packed carefully in a cardboard box with packing material to protect it.

NOTE: the customer is responsible for the shipping charges back to 12 Volt Power. The address is listed below. After warranty, repair or replacement, 12 Volt Power will pay the return shipping charges back to the customer located in North America. International customers, please contact 12 Volt Power at our phone number or web page listed below.

Important Safety Information

Please read these warnings before using the **OP-PS3002** power supply.



Warning: Safe operation

To reduce the risk of fire or electric shock, please adhere to these warnings:

Moisture: Do not expose this appliance to water or moisture.

Cleaning: Unplug the power supply from the mains power outlet before cleaning. Switching off the power supply will not reduce this risk.



Ventilation: Place the power supply in an area that will allow air to flow freely around the unit. This will prevent the power supply and mobile radio from overheating. Do not block or obstruct any of the ventilation openings on the unit.

Warning: Electrical connections

To reduce the risk of fire or electric shock, please adhere to these warnings:

The power supply should be properly connected and grounded. Use the provided AC power cable to connect the power supply to a mains power outlet that is properly installed and grounded, in accordance with all local codes and ordinances. If the power supply cord is damaged, it must be replaced with the same type to comply with safety requirements.



Warning: Servicing

This power supply should be serviced by a qualified service technician. Incorrect assembly may result in electric shock or fire.



Warning: High voltage levels

Some of the components inside the power supply can operate at voltage levels that may be lethal.

Caution: Place the power supply in a well ventilated and cool area. Do not block the ventilation openings on the sides, back or top of the unit.

Manufactured by **OPEK** in Taiwan

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