

Operating Instructions: WLS1799-13 CENCO AC-DC Power Supply, 12V/4A



PRODUCT CONTENTS

Quantity	Description
1	CENCO AC-DC 12V/4A Power Supply

SPECIFICATIONS

Input: 120VAC/60 Hz

Output: AC, 15V fixed, 0 – 4A, available at two 4 mm sockets

Smoothed DC, 0 - 4A at 1.5 - 12.0 V, continuously adjustable, available at two 4mm sockets.

When both outputs are used together, the combined maximum current is 4A.

Outputs short circuit & overload protected; fuse protected

UL compatible

Dimensions: 27 cm x 13.5 cm x 8 cm, weight: 2.45 kg

DESCRIPTION OF USE

Figure 1 shows the front panel of the CENCO AC-DC Power Supply.

- 1 – Power on/off switch
- 2 – Power on indicator lamp
- 3 – DC Voltage adjustment potentiometer
- 4 – AC output sockets
- 5 – DC output sockets

Transformation from the 120VAC input to a fixed low voltage of 16VAC is accomplished by a class 2 power transformer built into the unit. Also line isolation and protection help insure safe and reliable operation. DC output is smooth and regulated through sophisticated electronic circuitry.

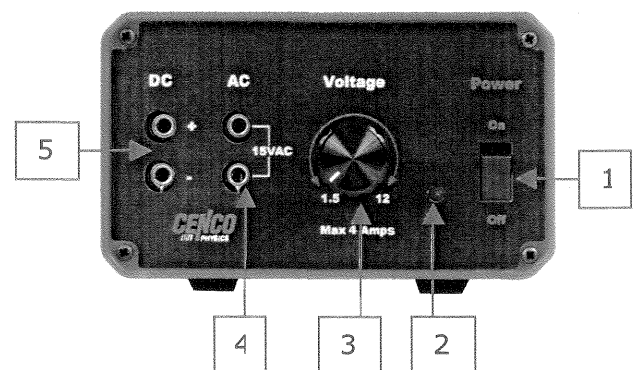


Figure 1

To operate, first check that the apparatus plug of the power cord is firmly inserted into the socket on the back panel of the Power Supply (see *Figure 2*).

Plug the power cord into a 110VAC outlet.

Connect the external circuit you wish to power and for DC voltages turn the adjustment potentiometer to the minimum value (1.5V).

When you are sure that your circuit is correctly connected, turn on the power on/off switch and for DC voltages adjust the potentiometer to obtain the voltage you need.

When you are finished with the experiment, turn off the power on/off switch before disconnecting the circuit.

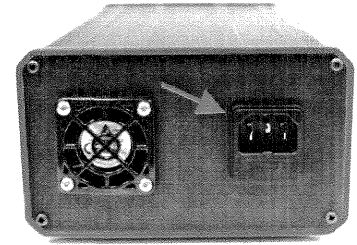


Figure 2

CARE/MAINTENANCE AND STORAGE

The CENCO AC-DC 12V/4A Power Supply needs no special maintenance. It should not be operated in a damp environment where there is a risk of condensation as this could damage the circuitry. The unit will become warm during operation when running at higher current levels. If fuse replacement is necessary, the fuse is a 5 x 20 mm cartridge fuse - 250 V, 1 A, time delay (slow blow).

Store the Power Supply in a dry location not subject to extreme temperatures.

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