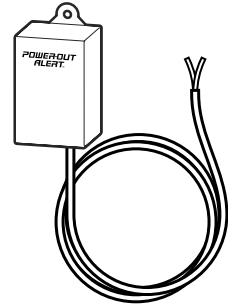




**WINLAND
ELECTRONICS, INC.**

POWER-OUT ALERT

Economical Power Loss Monitor



PS-110

Contents

This package contains:

- 1 PS-110
- 1 Owner's Manual

Specifications

Application	Any standard 2 or 3 blade 120V outlet
Contact Ratings	500mA @ 30 VAC/VDC
Time Delay	3 1/2 to 8 minutes *
Operating Temperature	40 to 100° F (5 to 37° C); non condensing environment Indoor use only.
Weight	5.6 oz (.16 kg), with 15' (4.57 m) cable
Shipping Weight	9.3 oz (.26 kg)
Dimensions	2 ¼ x 2 x 3" (5.75 x 5 x 7.62 cm)
Mounting	Standard eyelet

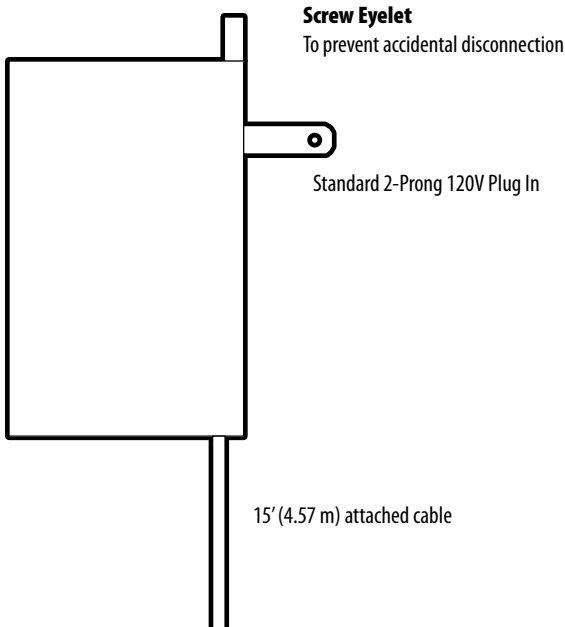
***Note:** The Power-Out Alert contact is normally open (N.O.). Once power is lost for 3½ to 8 minutes the circuit is closed (N.C.).

Tech Support 8:00am - 5:00pm Central Time
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www.winland.com



The PS-110 is designed to provide convenient reliable service. This compact, easy-to-use monitor plugs into any standard 2-prong 120V AC outlet that requires monitoring. It has an attached 15' (4.57 m) cable that wires into remote warning devices such as alarm systems, telephone dialers or other emergency equipment.

When power to the monitored circuit is interrupted for more than 3½ to 8 consecutive minutes, the PS-110 activates alarms and dialers through a dry contact output. This time delay feature means that short power outages (< 3½ minutes duration) will not cause the PS-110 to activate. As long as electrical power is restored within 3½ minutes to the circuit which the PS-110 is monitoring, the unit will automatically reset itself to a normal condition. Several PS-110s can be wired into a single warning system, making power failure monitoring for an entire complex easy.



INSTALLATION

A standard screwdriver is all you need to install PS-110.

STEP 1

Disconnect AC Power

To prevent possible injury, shut off electrical power to the circuit by turning off the circuit breaker or removing the circuit fuse.

STEP 2

Mounting

Plug the PS-110 into a working 2-prong 120V electrical outlet (this outlet should not be controlled by a wall switch). Remove screw from the center of the outlet's faceplate and attach the PS-110 with the eyelet and screw.

Note: DO NOT use an extension cord to increase the distance between the electrical outlet and the sensor.

STEP 3

Connecting Power-Out Alert

Connect sensor wires to the remote device being used to receive the warning signal from the PS-110.

STEP 4

Restore power to circuit

Restore electrical power to the circuit by turning the circuit breaker back on or by replacing the fuse. Wait approximately 15 minutes for the sensor to become operational before continuing. (The time delay will vary depending on the ambient room temperature.)

STEP 5

Testing

Manually activate the sensor for testing by interrupting the electrical power to the circuit by turning off the circuit breaker or by removing the fuse for 3½ to 8 minutes. Within 3½ to 8 minutes of the loss of power, the PS-110 will activate your remote device.

Note: Remember to disconnect the telephone line during testing if the PS-110 is connected to a security system which incorporates a telephone dialer. Following this procedure will eliminate the possibility of a false alarm whenever the unit is tested. When testing is complete, remember to reconnect the telephone line if the PS-110 is connected to a security system which incorporates a telephone dialer.

To insure proper operation, test unit weekly.

FREQUENTLY ASKED QUESTIONS

Is the 3 1/2 to 8 minute response time adjustable?

No, the response time is determined by the ambient room temperature.

Warmer temperatures = slower response for alarms.

Colder temperatures = slower response for clearing alarms.

Is the Power-Out Alert normally closed (N.C.)?

No. The PS-110 operates in normally open (N.O.) mode and closes upon alarm condition.

For more information visit www.winland.com.

ONE YEAR LIMITED WARRANTY

Winland Electronics, Inc. ("Winland") warrants to the end user/purchaser that each product of its manufacture shall be free from defects in material and factory workmanship for a period of one year from the date of purchase, when properly installed and operated under normal conditions according to Winland's instruction.

Winland's obligation under this warranty is limited to correcting, without charge, at its factory any part or parts thereof which shall be returned to the factory, by the original purchaser, transportation charges prepaid, within one year of the date of purchase and which upon examination, shall disclose to Winland's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying replacements for, defective parts shall constitute fulfillment of all Winland's obligations to purchaser under this limited warranty. Repair service performed by Winland after one year from date of purchase will be for a reasonable service charge.

This limited warranty shall not apply to any of Winland's products which have been subject to misuse, negligence or accident or which have been repaired or altered outside of Winland's factory. The warranty is void if the Product's housing or cover is removed.

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