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Additional Installation Information

We provide a waterproof couple or inline junction box to connect to a longer cable to power. Please tighten the coupler snugly to ensure a watertight seal.

Note: Mounting the power supply to the cabinet is not recommended. Drilling holes into the cabinet is risky to the contents, voids any warranty, and may reduce weatherproof capabilities.

Refer to the manufacturer's installation manual for additional installation information: www.meanwell.com/Upload/PDF/LED_EN.pdf

More Information and Troubleshooting

For more information on operation or troubleshooting tips, please contact your reseller or use the information below to contact Eagle Eye Networks.

www.een.com/support



Version 1.0 20250506
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**EAGLE EYE
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Eagle Eye SZ003 External Power Supply Quick Start Guide

The Eagle Eye SZ003 External Power Supply provides a solution for outdoor video surveillance system for remote locations without available power. Use the SZ003 with Eagle Eye Cabinet Systems.

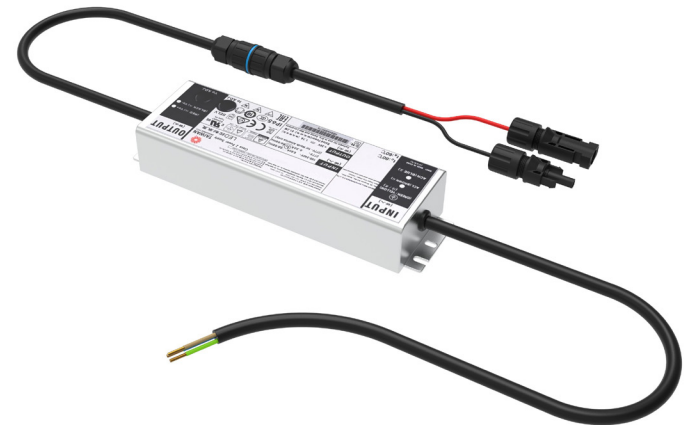


The SZ003 External Power Supply should only be installed by a certified electrician. Use caution when working with the high voltages used on the input.

1

Power Input Specifications

The input is a three-strand wire for connection to AC power. The voltage range allowable for the input is 90 VAC to 305 VAC, so this power supply is suitable for common 110 VAC or 277 VAC often available on light poles. Users must make the connection. We recommend a qualified electrician make the connection, whether attaching a plug or wiring directly into a junction box with power.



2

Getting Started

Read these instructions fully before starting the installation.

WARNING/CAUTION

Do not use the SZ003 external power supply if there is damage to the housing or wires.

3

Installation Preparation

- Before beginning any installation or maintenance work, disconnect the power supply from the utility. Ensure that it cannot be re-connected inadvertently!
- Maintain proper ventilation around the unit and do not stack any objects on it. Minimum 6-inch clearance is required if it is next to a heat source.
- Ensure that the current rating of connecting cables is greater than or equal to 6.3 A (16AWG Min).
- Recommendations:
 - Main Power input side: 2A+ 300V, outdoor rated.
Note: This is to be provided by the installer according to best practices.
 - Output side, to cabinet: 14AWG wire, 7A+ 30V, outdoor rated.
Note: Cabling to the cabinet is EEN provided and connected through the MC4 solar cables.
- Verify that the connection between the unit and the power source is tight so that water cannot intrude into the system.

4

Wiring

Use the table below to determine the purpose of each wire on the SZ003 Power Supply.

Wire Color (North America)	Purpose (Label)
Black	AC Line
White	AC Neutral
Green	Ground

WARNING/CAUTION

- Risk of electrical shock and energy hazard.
- All failures should be examined by a qualified technician.
- Do not remove the cover of the power supply.
- Output current and power must not exceed the 6.25 A or 150W.
- Always connect the ground wire to ground (PE).

Follow the instructions below to connect the wires:

- Connect the Ground wire (green) of the SZ003 power supply to the Ground wire (green).
- Connect the AC Line wire (black) of the SZ003 power supply to Line (black).
- Connect the AC Neutral wire (white) of the SZ003 power supply to Neutral (white).
- Output current and power must not exceed the rated values of the specifications.
- The Ground wire of the power supply must be well connected to the PE if the unit has it.

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Mounting the External Power Supply

Mounting is left to the user to determine location and method.

Note: The SZ003 External Power Supply must be firmly and securely mounted with so that its cables are tied down with proper strain relief to ensure that the wires cannot be accidentally disconnected.

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Power Output Specifications

The output is 24 VDC and is through keyed MC4 connectors, so swapping the polarity is not possible. The MC4 connectors are the same as the output from the solar panel so the power supply provides plug-and-play replacement for a solar panel.