

# U-POE-AF Quick Start Guide

## Package content



PoE injector



Power cord

## hardware description



Puerto PoE y LAN



entrance of  
electrical power supply

## Installation

1. Connect a network cable to the PoE port on the injector and the other end to the Ubiquiti device you want to power (see device specifications).
2. Connect a network cable to the LAN port of the injector and the other end to the router or switch de su red local.
3. Connect the power cord to the injector and the other end to an electrical outlet.



## Montaje del adaptador PoE (opcional)

1. Retire el soporte de montaje PoE del adaptador, coloque el soporte en la posición deseada y marque los dos agujeros.
2. Taladre los agujeros, si fuera necesario, y fije el soporte utilizando dos remaches (no incluidos).
3. Alinee las ranuras del adaptador con las pestañas del soporte de montaje PoE y, a continuación, deslice el adaptador hacia abajo.



# specs

Model	U-POE-af
Dimensions	86 x 46 x 33 mm (3.39 x 1.81 x 1.30")
Weight	100 g (3.53 oz)
Output Voltage	48VDC @ 0.32A
LAN Activity Indicator	No
Gigabit LAN Port	Yes
Remote Reset Capability	Yes
Reset Button	No
Rated Voltage	100-240VAC @ 50/60Hz
Input Current	500mA @ 90VAC
Inrush Current	<100A Peak @ 25°C
Efficiency	84.25+%
Output Ripple	200mV p-p
Switching Frequency	65 kHz
Line Regulation	≤ 3%
Load Regulation	≤ 5%
2-Pair Powering	Pins 4, 5 (+) and Pins 7, 8 (-)
4-Pair Powering	-
Operating Temperature	0 to 40°C (32 to 104°F)
Storage Temperature	-30 to 70°C (-22 to 158°F)
Operating Humidity	5 to 90% Noncondensing
AC Connector	IEC-320 C6
Data IN / POE	RJ45 Shielded Socket
Surge Protection	Difference and Common Mode
Clamping Protection	11V Data, 60V Power
Max. Surge Discharge	1500A (8/20 μs) Power
Peak Pulse Current	36A (10/1000 μs) Data
Shunt Capacitance	<5 pF data
Response Time	<1 ns
Certifications	CE, FCC, IC, UL

# safety instructions

1. Read, follow and save these instructions.
2. Pay attention to all warnings.
3. Only use the devices or accessories indicated by the manufacturer.



**ADVERTENCIA:** Superficie caliente. No tocar.



**ADVERTENCIA:** No utilice este producto en un lugar en el que pueda quedar sumergido en agua.



**ADVERTENCIA:** Este producto no debe quedar expuesto a goteo o salpicaduras por líquidos.

## electrical safety information

1. It is mandatory to comply with the current, frequency and voltage requirements indicated on the manufacturer's label. Connection to a power source other than those specified may result in malfunction, equipment damage, or fire hazard if limitations are not followed.
  2. This equipment contains no operator-serviceable parts. Only a qualified service technician should provide services.
  3. This equipment is supplied with a detachable power cord that has an integral safety ground wire designed to be connected to a safety ground.
    - a. Do not substitute the power cord with one other than the approved type provided. Never use an adapter plug to connect to a two-wire outlet, as it will break the continuity of the ground wire.
    - b. The equipment requires the use of the ground wire as part of the safety certification. Modification or misuse can create a shock hazard, which could cause serious injury or death.
    - c. If you have any questions about the installation, contact a qualified electrician or the manufacturer before connecting the equipment.
    - d. The indicated AC adapter provides a safety ground. For installation in a building, adequate short-circuit back-up protection must be provided.
- and. A protective connection must be installed in accordance with national wiring rules and regulations.

## limited warranty

[ui.com/support/warranty](https://ui.com/support/warranty)

The limited warranty requires arbitration to resolve disputes on a case-by-case basis and, where appropriate, specifying arbitration instead of jury trials or class actions.

## Compliance

### FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions.

- 1.This device may not cause harmful interference.
- 2.This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide acceptable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

### CE marked

El marcado CE de este producto indica que el producto cumple con todas las directivas aplicables.

