

HEP-240-48A

100-240Volt Input Power Supply High Temperature 48VDC 5AMP (240Watts)

Overview

The HEP-240-48A is a power supply which can provide power to hardened PoE-enabled network devices. It provides 48 VDC power with 5A of current to provide 8 ports of full PoE 802.3AF. The HEP-240-48A can be placed in industrial and harsh environments with temperatures from -55°C up until 70°C.

Model Features

The HEP-240-48A industrial AC/DC power supply is designed to operate under harsh environments with high dust, humidity and vibration. The power supply is housed in an aluminum case and is a fanless design

Installation Advice

This unit is only suitable for installation with permanently connected equipment. The PSU is NOT SUITABLE for direct external installation, unless fitted within an appropriate IP rated enclosure. The PSU should be installed according to all relevant safety regulations applicable to the application.

Secure PSU case in position using cable ties or other suitable fastening to prevent movement



Details

- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Up to 93.5% efficiency
- IP65 design for indoor or outdoor installations
- Suitable for dry / damp / wet locations
- For professional installation only (no mains plug attached)

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Technical specifications

Electrical

Mains input	90 to 264 VAC
Power consumption	240W
Current consumption	2A / 230VAC

Output

Power output voltage	48 VDC
Output ripple	250mVp-p (Max)
Power output current mains	5 A
Output Range	45 to 51.2 VDC

Physical

Physical dimensions	244.2 x 68 x 38.8 mm
Net weight	1.3 Kg
Colour	White
Form factor	External adapter

Environmental

Operating temperature	-40°C ~ +60°C at full load
Storage temperature	-40°C ~ +80°C
Relative humidity	20 ~ 95% RH non-condensing
IP rating	IP65

Regulatory

Compliance	CE, REACH, RoHS 2, WEEE
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