

EPOW-54-240

Hardened NEMA TS2 Power Supply 54V 240W

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Overview

With a wide operating temperature range of -40 to 75°C (-40 to 167°F) and built with an aluminum fanless design, EtherWAN's EPOW-54-240 is a 54V 240W hardened power supply designed to operate in the most extreme environments. The EPOW-54-240 has a 240W power budget and built-in over-voltage and short-current protection, making it a perfect and reliable solution for PoE applications.

EtherWAN — "When Connectivity is Crucial."

Highlights

+ Reliable Power Delivery

Active built-in PFC for max power distribution efficiency
Constant voltage across output terminal

+ Hardened-Grade for Non-Ventilated & Harsh Environments

Wide operating temperature range -40 to 75°C (-40 to 167°F)
Fanless operation
IP67 total dust protection and water resistance

+ NEMA TS2

Complies with NEMA TS1 & TS2 electrical and temperature requirements for traffic control equipment
High impact, thermal shock, and electrical noise resistance

+ Easy Install

AC and DC cables pre-attached
Mounting holes to install outdoors and or in cabinets

Hardware Specifications

+ Power

Input

- 100-277 VAC

Output

- 54 VDC

Protection

- SVP/OVP (Over Voltage Protection)
<305 VAC
- SCP (Short Circuit Protection)

+ Physical

Casing Material

- Aluminum

IP Rating

- IP67 (Dust Tight and Waterproof)

Dimensions

- 246 x 68 x 39mm (W x D x H)
9.69" x 2.68" x 1.54"

Weight

- 2.86lbs (1.3kg)

Installation Type

- Wall mounting/panel mounted

+ Environmental

Operating Temp.

- -40 to 75°C (-40 to 167°F)

Storage Temp.

- -45 to 85°C (-49 to 185°F)

Relative Humidity

- 10% to 95% (non-condensing)

Operation Humidity

- 20-90%

Vibration Resistance

+ Regulatory

Standard

- EN 61347-1
EN 61347-2-13
EN 62493

EMC Emission

- EN 55015
EN 61000-3-2

EMC Immunity

- EN 55015
EX 61000-4-2,3,4,5,6,8,11

+ Warranty

Length

- 3 Years

Details

- www.etherwan.com/support/warranty-policy

Dimensions

EPOW-54-240 Dimensions

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Ordering Info

+ Model

EPOW-54-240	Power Supply, Hardened (-40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 240W, 54VDC, 0-11.1A with Open Wire (US Plug)
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