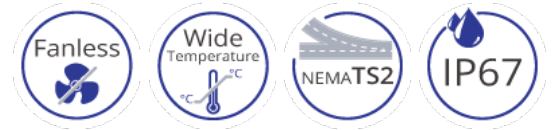


# EPOW-54-240

Hardened NEMA TS2 Power Supply 54V 240W



## 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**

10~500HZ, 2G 10min/period  
X, Y, Z line per hour

### + 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](http://www.etherwan.com/support/warranty-policy)

## Dimensions



## 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)

