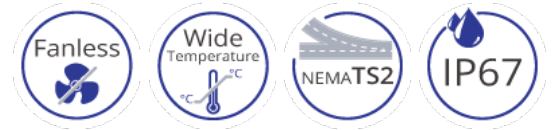


# EPOW-54-240

Hardened NEMA TS2 Power Supply 54V 240W



## 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

## 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."

## 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



© EtherWAN Systems, Inc. All rights reserved. 20221107

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.