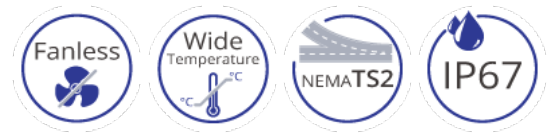


# EPOW-54-400

Hardened NEMA TS2 Power Supply 54V 400W



## 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 a fan-less and water-resistant design, EtherWAN's EPOW-54-400 is a 54VDC hardened power supply designed to operate in the most extreme environments. The EPOW-54-400 has a 400W total power output and built in over-voltage and short-current protection, making it an ideal and reliable solution for powering hardened PoE switches and other 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 Water-resistant)

Dimensions  
285 x 95 x 50mm (W x D x H)  
11.22" x 3.74" x 1.97"

Weight  
5.5lbs (2.5kg)

Installation Type  
Wall/panel mounting

### + Environmental

Operating Temp.  
-40 to 75°C (-40 to 167°F)

Storage Temp.  
-40 to 85°C (-40 to 185°F)

Relative Humidity  
10% to 95% (non-condensing)

Operation Humidity  
20-90%

Vibration Resistance  
10~500HZ, 2G 10min/cycle  
1hr each XYZ axes

### + Regulatory

Safety  
UL 62368-1

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

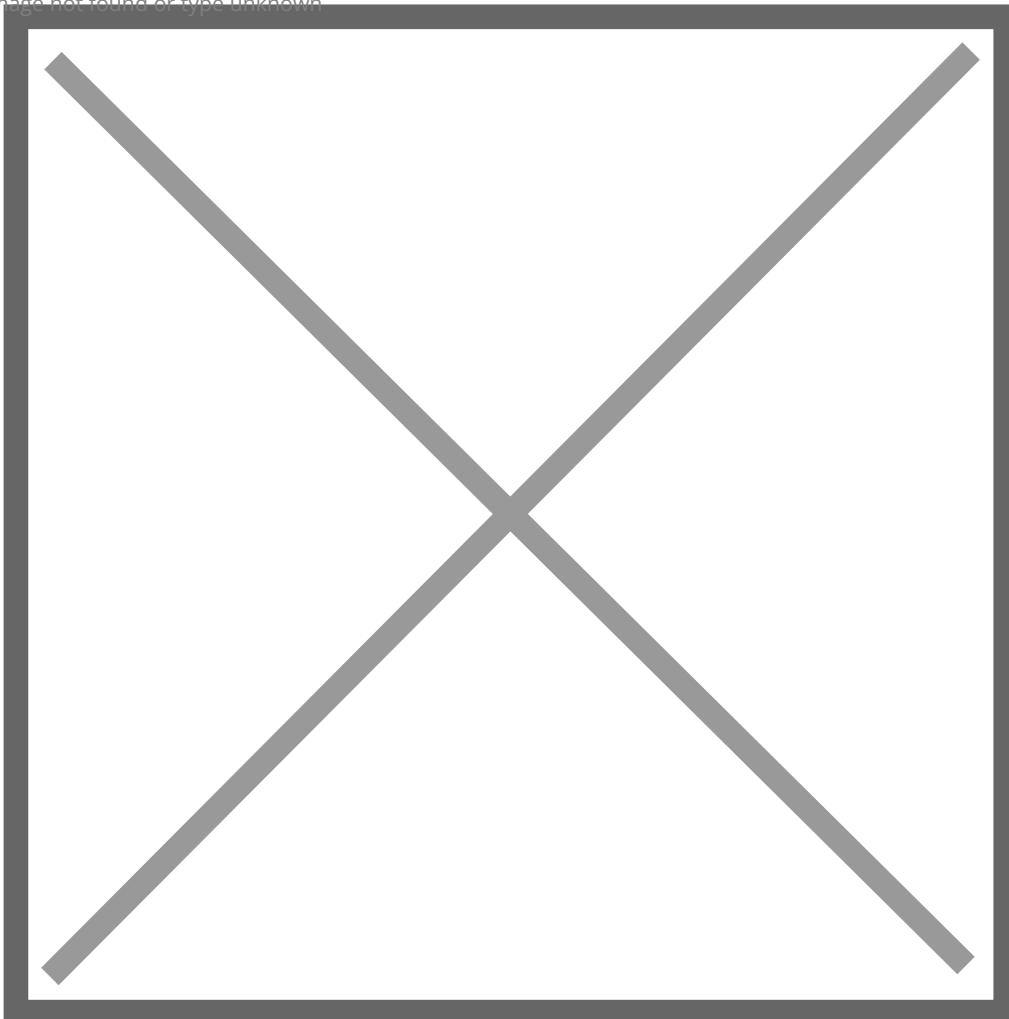
## + Warranty

Length  
3 Years

Details  
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## Dimensions

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## Ordering Info

### + Model

**EPOW-54-400** Hardened Power Supply, 100-277 VAC Input; NEMA-TS2 Rated; 54VDC, 400W/7.4A, with Open Wire (US Plu

