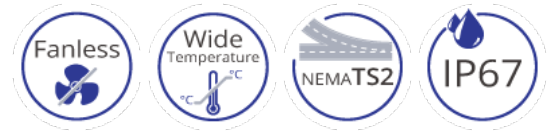


# EPOW-54-600

Hardened NEMA TS2 Power Supply 54V 600W

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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-54-600 is a 54V 600W hardened power supply designed to operate in the most extreme environments. The EPOW-54-600 has a 600W 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

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

## + Physical

### Casing Material

- Aluminum

### IP Rating

- IP67 (Dust Tight and Waterproof)

### Dimensions

- 260 x 120 x 55mm (W x D x H)  
10.24" x 4.73" x 2.17"

### Weight

- 6.62lbs (3kg)

### Installation Type

- Wall mounting

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

## Dimensions

### EPOW-54-600 Dimensions

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## Ordering Info

### + Model

Model	Description
EPOW-54-600	Power Supply, Hardened ( -40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 600W, 54VDC, 0-11.1A with Open Wire (US Plug)



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