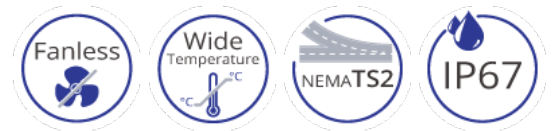


EPOW-54-400

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

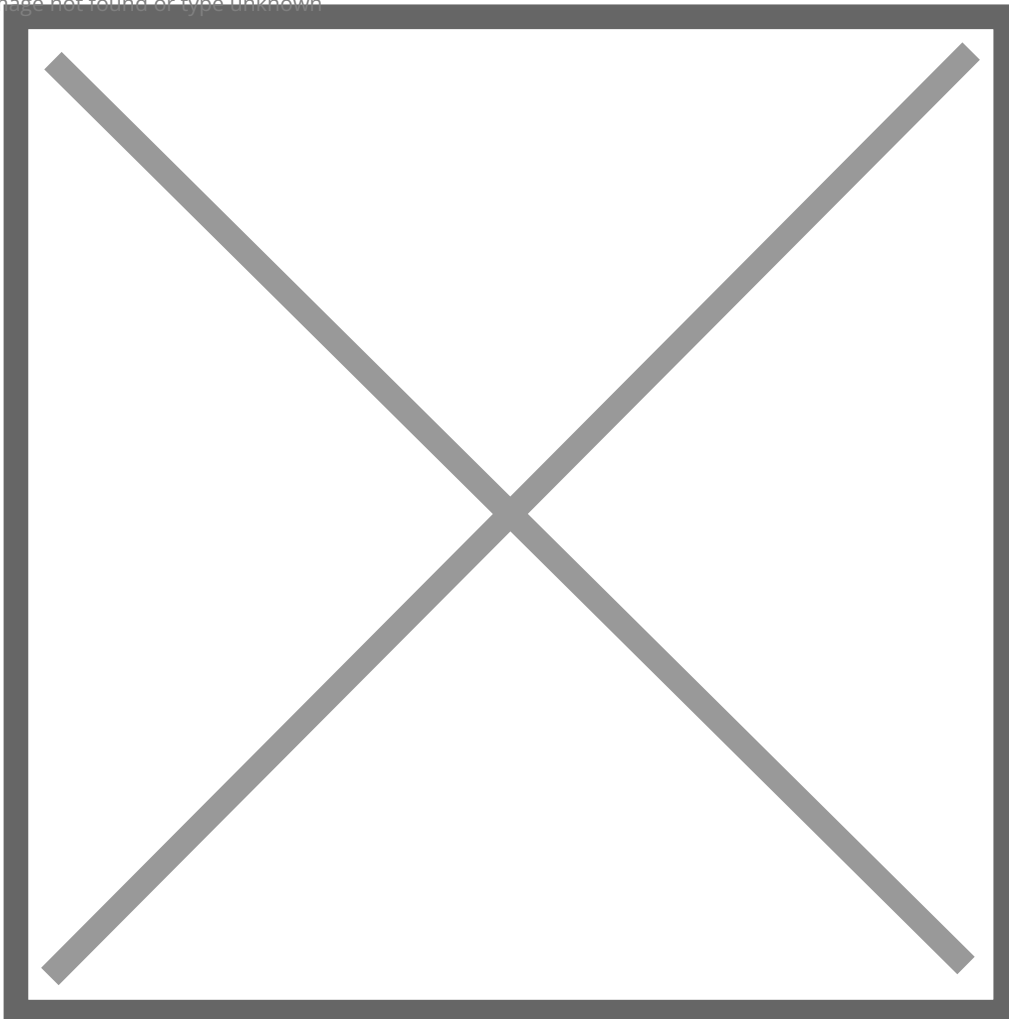
+ Warranty

Length
3 Years

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

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



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