

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

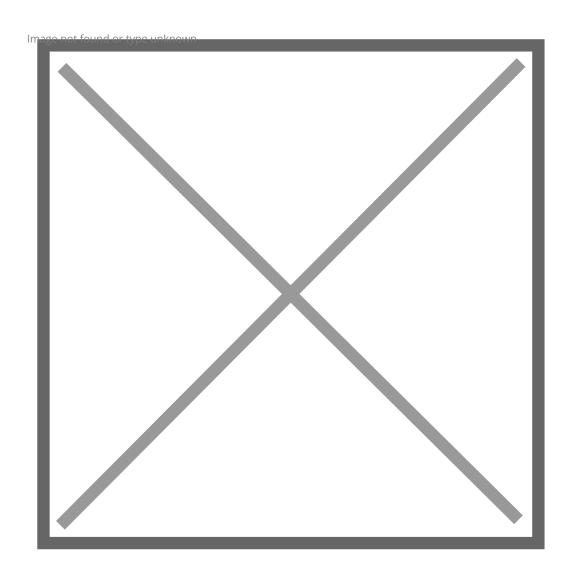
+ Warranty

Length 3 Years

Details

www.etherwan.com/support/warranty-policy

Dimensions





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

