EPOW-24-60

Hardened NEMA TS2 Power Supply 24V 60W

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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-24-60 is a 24V 60W hardened power supply designed to operate in the most extreme environments. The EPOW-24-60 has a 60W 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
24 VDC

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

➕ Physical

Casing Material
Aluminum

IP Rating
IP67 (Dust Tight and Waterproof)

Dimensions
180 x 44 x 32mm (W x D x H)
7.09" x 1.74" x 1.26"

Weight
1.32lbs (0.6kg)

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
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

Dimensions

EPOW-24-60 Dimensions

Ordering Info

✚ Model

EPOW-24-60	Power Supply, Hardened (-40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 60W, 24VDC, 0-11.1A with Open Wire (US Plug)