

EPOW-24-60

Hardened Power Supply 24V 60W



Product Highlights

→ Reliable Power Delivery

- Active built-in PFC for max power distribution efficiency
- Constant voltage across output terminal

→ Hardened-Grade

- Wide operating temperature range from -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 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 hardened network applications.

Ordering Information

Model

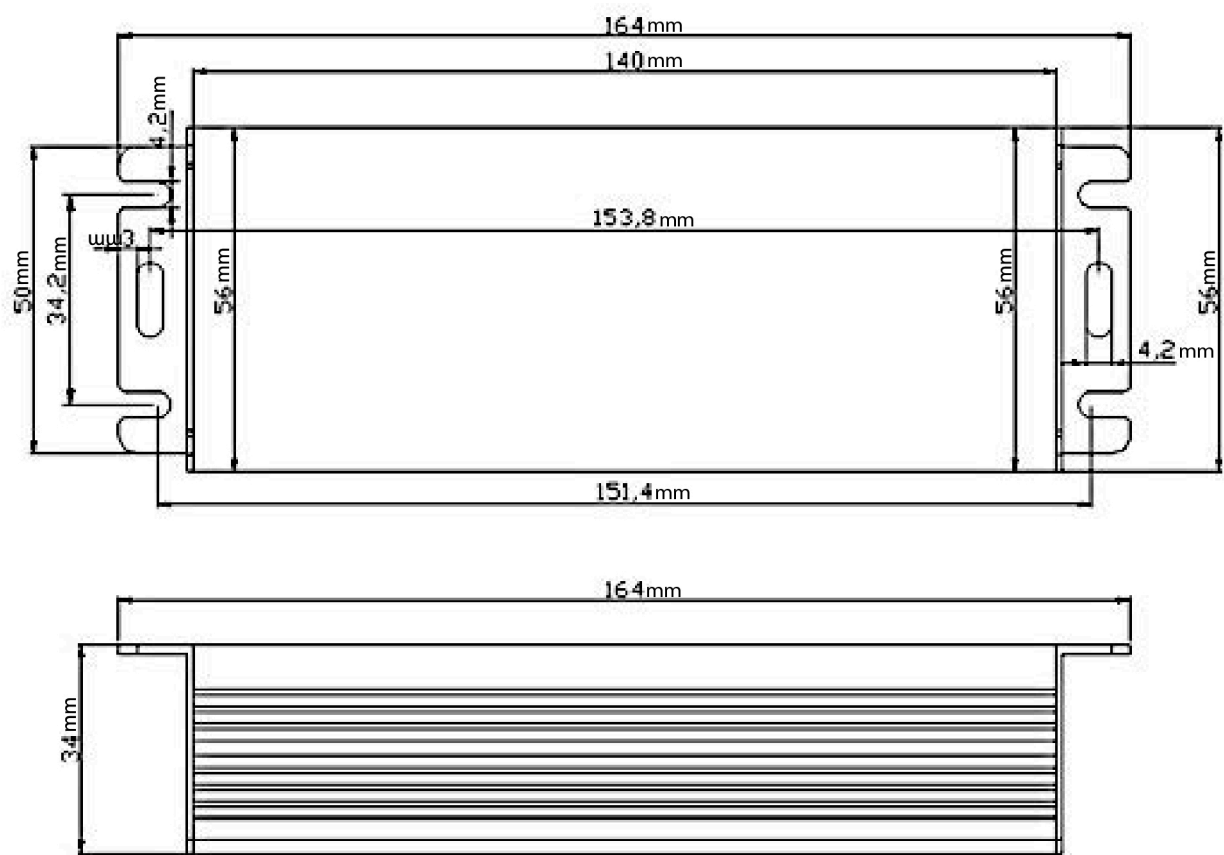
EPOW-24-60

Power Supply, Hardened (-40°C ~ +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 60W, 24VDC, 0-2.5A with Open Wire (US Plug)

Hardware Specifications

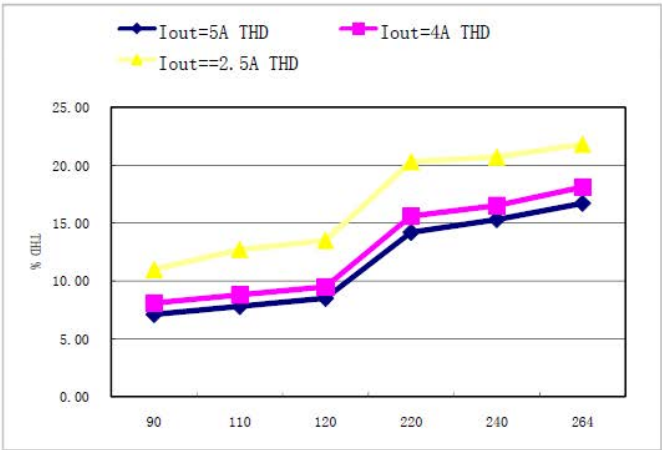
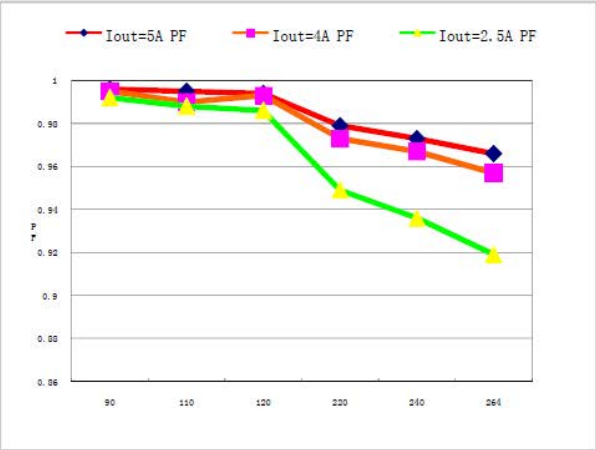
Power		+
Input	100-277 VAC	
Output	24 VDC	
Protection	OVP (Over Voltage Protection) <305 VAC SCP (Short Circuit Protection)	
Physical		+
Casing Material	Aluminum	
IP Rating	IP67 (Dust Tight and Waterproof)	
Dimension	164 x 56 x 35mm (W x D x H) or 6.45" x 2.21" x 1.38"	
Weight	1.32bs (0.6kg)	
Installation Type	Wall mounting	
Environmental		+
Operating Temp.	40 to 167°F (-40 to 75°C)	
Storage Temp.	40 to 185°F (-40 to 85°C)	
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	5 Years	
Details	www.etherwan.com/support/warranty-policy	

Dimensions



Power Factor & THD Characteristics

2. Power Factor & THD Characteristics



Efficiency and Load of (100VAC/230VAC)

3.Efficiency & Load of (110VAC / 230VAC)

