

AD56V90W

Industrial PoE 56V 90W Power Supply

AC Power Input 100VAC~240VAC

- Support for IEEE 802.3af/at PoE standards
- Supports input power of 100VAC ~ 240VAC
- Internal AC-to-DC Power supply with PoE 90W power output
- Operating Temperature: -40°C ~ +70°C
- Fanless Design
- 2KV surge protection (4KV optional)



OVERVIEW

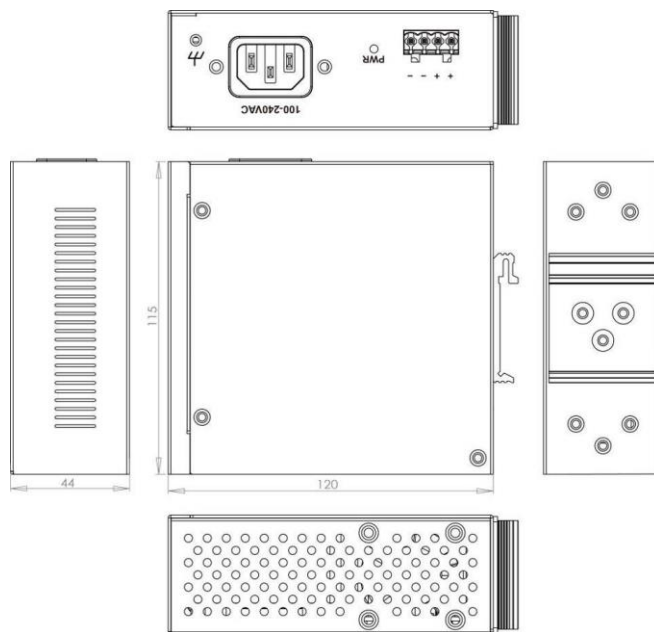
AD56V90W is one of the AD power supply series designed specifically for the PoE applications. It is a hardened PoE power supply providing 56VDC for PoE applications with output power output of 90W, with options of 35W, 65W, and 120W. With AC power input ranging from 100VAC~240VAC, this slim metal housing is designed with DIN Rail, and wall mount type, making installation simple and easy.

The AD56V90W, housing with physical dimension of 44mm x 115mm x 120mm (WxHxD), supports ESD 8KV for air, and 4KV for contact, and can be used in extreme environments with an operating temperature range of -40°C to 70°C. The output voltage can be optional with 24VDC/60W, 24VDC/90W, or 12VDC/36W, 12VDC/60W.

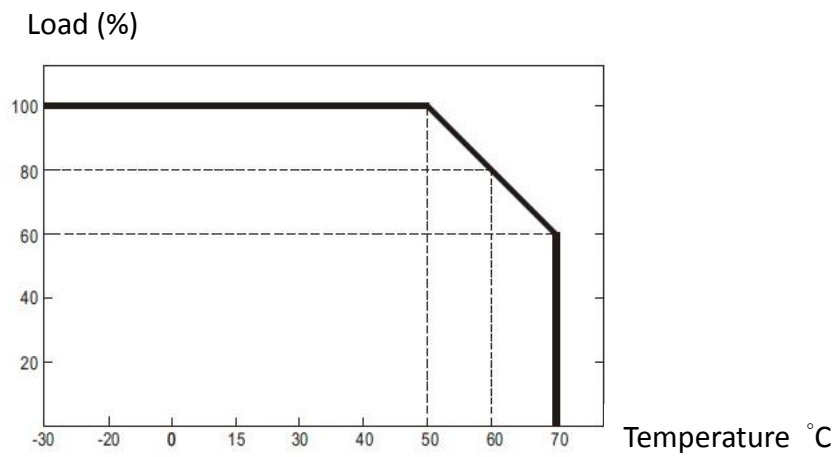
FEATURES & BENEFITS

- PoE hardened AC to DC Power Supply
- Output Power budget:
56V: 35W, 65W, 90W, 120W
24V: 65W, 90W
12V: 36W, 60W
- Power Input : 100VAC~240VAC
- Power On LED indicator
- Safety for PoE: LVD EN62368-1
- ESD: EN61000-4-2
Level ± 2,4,8KV Air Discharge ; Level +- 2,4KV Contact Discharge
- Surge Protection: EN61000-4-5
Level ± 1KV / Line-Neutral,
Level ± 2KV / Line-Ground
- Operating Temperature / Humidity :
-40°C ~ +70°C, 20~90% RH non-condensing
- Storage Temperature / Humidity
-40°C ~ +80°C, 10~95% RH non-condensing
- Physical Deimension (WxHxD):
44mmx115mmx120mm
- Metal Housing with DIN Rail, and Rack Mountable design

DIMENSIONS



Temperature Derating Curve



Hardened PoE Power Supply

