



PSE803

Ethernet Power Supply Device

Product Introduction:

The PSE803 is a single-port Ethernet power supply device, which is suitable for indoor use and can work normally at 100VAC ~ 300VAC input voltage. The power supply is connected to the network terminal equipment through cat5e, and has an Ethernet data port and an output port that data and power are combined. The device can provide POE power supply applications in line with IEEE802.3af/at international standards for Ethernet devices, such as routers, switches, wireless APs, network telephones, industrial network terminals, and network cameras. Provides efficient engineering solutions for areas where remote power supply is not possible or where Ethernet cables are used to improve system reliability and simplify device installation.

Main Features:

- The power supply has the functions of overvoltage, undervoltage, and short-circuit protection.
- System reliability: MTBF > 100k hours.
- Conducted interference (CE) and radiation interference (RE), in accordance with EN55022, CLASS B standards.

Lightning Protection Features:

- Ac input , withstand differential mode 2KV, common mode 6KV, 8/20uS impulse current waveform, positive and negative 5 times each, each interval 1 minute, PSE control part, withstand differential mode 2KV, common mode 6KV,10/700uS impulse current waveform, positive and negative 5 times each, each interval 1 minute.

The power supply lightning protection circuit has failure alarm function and safety protection elements such as safety tube.

Product Specifications:

Model	PSE803
Input Voltage	100-240VAC
Output Voltage	46-52VDC
Dimensions	165mm*62mm*38.5mm
Networking Protocols	IEEE802.3i 10 BASE-T, IEEE802.3i 100 BASE-TX, IEEE802.3x flow control, IEEE802.3af /IEEE802.3at
PoE	Single port MAX 30W PIN:1,2+ &3,6- Cables: category 5 or above cables
Transmission Rate	Store-and-forward
	100Mbps duplex , 10 or 100Mbps half duplex
	10/100/1000Mbps
Installation and Use	Plug and play; Automatically detect the equipment and provide the output required by the equipment;
LED Indicator	System: power supply
	Port speed, connection state, PoE power supply
Work Temperature	0℃-40℃
Storage Temperature	-10℃-70℃
Operating Humidity	20%-85%
Certification	CE/FCC/RoHs
Warranty Period	1 Year

Note: The picture in the instruction manual is for reference only, the specific object shall prevail