



## Product Overview

PM6001GIN-W-AC V1 is a gigabit waterproof power supply device independently developed by our company. It adopts the mode of power supply by four lines, which fully complies with IEEE 802.3AF/AT/BT standard. It can load the electric energy on the network cable for transmission, and the maximum transmission distance is 100m.

PM6001GIN-W-AC V1 can automatically detect and identify electrical devices that meet IEEE 802.3AF/AT/BT standards, and automatically match the output power to supply them.

For terminals that do not support the PoE function, you can use a PoE separator to expand the traditional power line network and reduce power line usage. Professional outdoor shell design, adapt to a variety of harsh environment, with high stability, reliability, industrial level, wide temperature. The whole machine does not need power adapter, convenient outdoor environment and indoor monitoring equipment is not easy to take electricity.

## Product Features

- Complies with IEEE802.3af/at/bt Standard;
- Metal shell, protection level IP67, IK10 vandal proof;
- Use 4 pairs of power supply, and output power more;
- Auto detect power device;
- Support PoE power up to 60W ;
- Remote power and Data feeding up to 100m;
- Gigabit Internet port;
- built-in Power, Plug-and-play, requires no configuration;
- Intelligent protection and power supply;
- Working temperature: -20 °C to 60°C
- Short Circuit Protection, overload protection:
- It's ideal for harsh outdoor environment

## Product Specifications

<b>Model</b>	PM6001GIN-W-AC V1
<b>Port</b>	1X10/100/1000Mbps auto-negotiation RJ45 port 1X10/100/1000Mbps auto-negotiation RJ45 port 1*AC In port
<b>PoE Standard</b>	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3x, IEEE802.3bt
<b>PSE Power on RJ-45</b>	Data Pairs 1 / 2(-), 3 / 6(+) Spare Pairs 4 / 5(+), 7 / 8(-)
<b>AC Power Input</b>	AC 100-240V 50/60Hz
<b>POE Power Output</b>	60W Max
<b>AC Input Current</b>	1.2A Max
<b>output ripple voltage</b>	≤200mV, Test conditions: rated input voltage, full load output, Tested with 20MHz bandwidth oscilloscope, Parallel connected a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor to the output
<b>Operation Temperature</b>	-20°C~60°C
<b>Storage Temperature</b>	-40°C~80°C
<b>Operation Humidity</b>	10%~90% RH non-condensing
<b>Storage Humidity</b>	5%~90% RH non-condensing
<b>Dimensions(L*W*H)</b>	150*73*44MM
<b>LED Indicator</b>	PWR(Green), PoE(Bt: Green, UPoE: orange)
<b>Network Media(Cable)</b>	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 6 cable(≤100m)
<b>Surge Protection</b>	Difference Mode: ±2KV、 Common mode: ±4KV
<b>MTBF</b>	>50000 hours
<b>Electrostatic standard</b>	Contact 4KV, air 6KV
<b>waterproofing grade</b>	IP67
<b>anti-hazard classification</b>	IK10

## Ordering information

Model	product information
<b>PM6001GIN-W-AC V1</b>	60W Waterproof PoE Injector(AC)