

AP&T®

Product Instruction Manual

Power frequency AC high voltage power supply

AP-AY1603/2603



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Product Description

AP-AY1603/2603 series power supply is one of the high-voltage power supply series products for electrostatic eliminator produced by Anping Company (AP&T). It is a power frequency AC high voltage power supply designed for controlling the static electricity on the surface of the target to achieve the purpose of electrostatic safety protection for the discharged object which is a dedicated configuration power supply for Anping's AC ion bar products.

Product Features

- 1、 With energy-limited components to ensure stable output power.
- 2、 High voltage and low current working.
- 3、 Pluggable interface which is easy to operate and install.
- 4、 Excellent performance, safe and reliable.

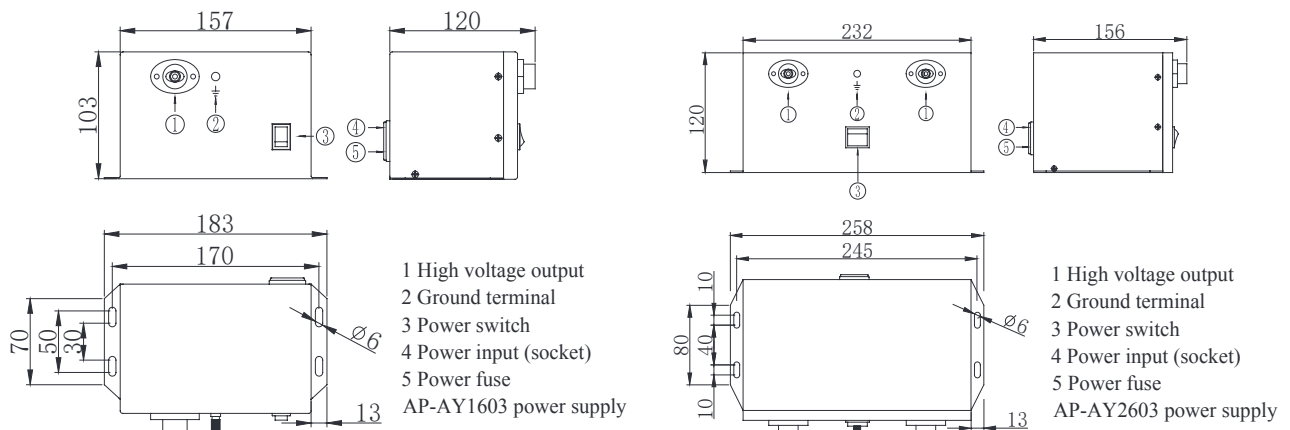
Specifications

Model	AP-AY1603	AP-AY2603
Input voltage	AC220V/50Hz or AC110V/60Hz	
Output voltage	AC4000V	
Power	20W	
Working temperature	- 10° C—+ 50° C	
Working humidity	<85%RH	
Net weight	2850g (AP-AY1603)	5300g (AP-AY2603)
Gross weight	3350g (AP-AY1603)	5800g (AP-AY2603)
Dimensions (L*W*H)	157*120*103 (AP-AY1603)	232 *156 * 120 (AP-AY2603)

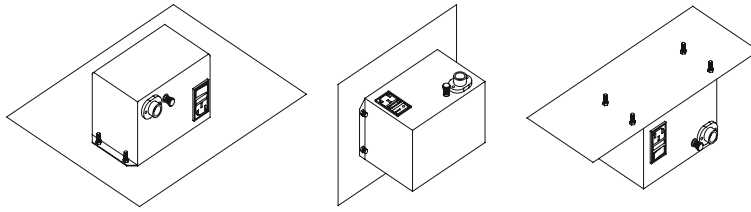
Installation guid

- (1) Insert the national standard power cord plug into the main socket.
- (2) Insert the high-voltage connector of the electrostatic elimination equipment into the high-voltage output socket of the power supply and connect its ground terminal to the ground stud of the high-voltage power supply.
- (3) Turn on the power switch, the switch indicator light on indicates the power supply working.

Panel function and structure size diagram



Installation diagram



Maintenance

It should be stopped and repaired by professional maintenance personnel when the red switch work indicator on the panel of the high voltage power supply is off. It can be used only after the electrical performance indicators are normal.

Safety warning

- 1、 The working input power of the power box must be reliably connected to the grounding wire of the electrical power supply cable
- 2、 Do not use this equipment in environment where humidity is $> 85\%$.
- 3、 It is strictly forbidden to use this equipment in flammable and explosive environments.
- 4、 Internal maintenance and repair must be performed by professionals.

After-sales service

1. AP-AY1603/2603 series power frequency AC high voltage power supply has undergone rigorous testing and aging treatment before ex-work. Its performance has completely reached the relevant indicators marked in the usage instruction.
2. AP&T makes a commitment to the customer that any defective parts inspected by AP&T will be repaired or replaced free of charge within one year from the date of purchase. However, this commitment does not apply to:
 - a. The device is incorrectly used or installed.
 - b. Damage caused by negligence or accident during use.
 - c. Modified, disassembled or repaired by other service departments not authorized by Anping Company.
3. AP&T shall not be liable for any incorrect use of the products except for repair or replacement of parts as specified above.

Packaging accessories

- 1、 Warranty card
- 2、 Manual
- 3、 Certificate of conformity