

# ION20KV 12VDC 5W Ion Power Supply

## Features

- Adjustable and constant output voltage
- Constant voltage difference between load and no-load less than 15%
- Utilize SMD, compact design, small size, high reliability
- Epoxy encapsulated, with highest safety and stability

## Applications

- Ionize some liquid substances then emit
- Generate negative ion to reduce particulates in the air
- Generate a small amount of ozone to purify air

## Specifications

Input Voltage	10V to 18V DC
Input Power	5W Max. non-stop working (need good heat-dissipation)
Input Current Consumption	300mA Max.
Output Voltage	10KV to 20KV DC (Constant voltage difference between load and no-load less than 15%) Positive or Negative output available
Output Current	100uA Max.
Output Impedance	Connect a 50MΩ resistor in series with the output
Operating Frequency	20KHz
Operating Environmental Temp.	0°C to 55°C
Operating Temp.	0°C to 75°C
Storage Temp.	-50°C to 110°C
Humidity	the main body is water-proof
Dimensions	cm(W) x cm(L) x cm(H)
Weight	g
<b>Wire Connection</b>	
Red PVC wire	12V DC (Positive)
Black PVC wire	GND (Opposite potential of HV)
Yellow PVC wire	Output voltage adjustment
White silicone wire	High Voltage Output