

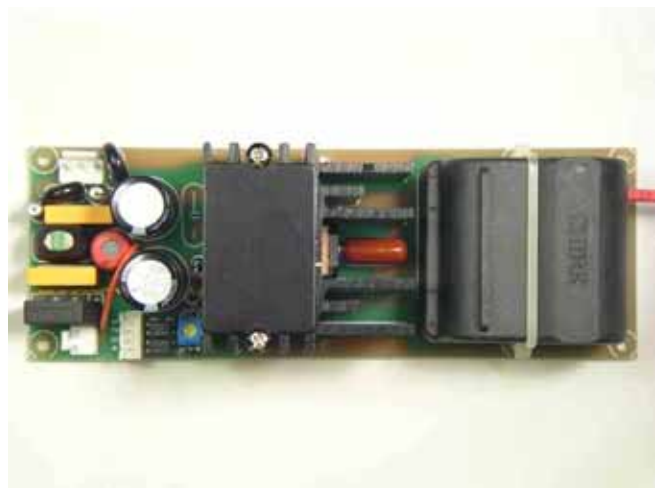
OZ80WAC 110V/220Vac 80W Ozone Power Supply

Features

- Drive corona discharge device to generate ozone 1.5g/hr/air or 3.3g/hr/O₂.
- Built-in bridge rectifier and filter circuit
- Short-circuit protection, open-circuit protection, over heat protection
- Self-oscillating. No need to adjust resonant frequency, automatic operating in a suitable resonant frequency.
- The main circuits are epoxy encapsulated in aluminum heat sink, with highest safety and stability
- Output voltage adjustable and maintain a constant and steady output.
- Corona output ON/OFF can be controlled by external circuit. Utilizing low frequency PWM to control corona ON/OFF ratio to achieve the accurate ozone production.
- utilizes low frequency PWM to control corona ON/OFF ratio
- 110Vac or 220Vac selectable by switch

Applications

- Industrial Ozone Generator (1.5g/hr/air or 3.3g/hr/O₂)



Specifications

Input Voltage	95 to 125VAC or 200 to 250VAC (selectable by switch)
Input Power	80W Max. non-stop working (need good heat-dissipation)
Output Voltage	3-20KV peak to peak (Different dielectric thickness is with different operating voltage, it needs to change the HV transformer's value to achieve suitable operating voltage.) Adjustable by variable resistor within +/-30% range of required voltage.
Conversion Efficiency	40% to 90% (the higher output power, the higher efficiency)
Operating Frequency	10KHz to 35KHz
Mode of Oscillation	Self-oscillating
Operating Environmental Temp.	-10°C to 45°C
Operating Surface Temp.	-10°C to 65°C
Storage Temp.	-40°C to 110°C
Circuit Protection Function	Short-circuit protection (when short: the power consumption less than 15W) (when release short, it will recover normal immediately)
	Open-circuit protection (when open: the power consumption less than 15W) (when open, the output voltage will be 15%-25% higher than the default value.)
	Over heat protection (when over 60°C, the output power shut off, the power consumption less than 0.5W)
Control Terminal It can use the terminal to shut off output voltage or adjust the corona output volume.	2 pins control terminal: Open: 10V (inner) = ON Close: less than 0.5mA = OFF When OFF (Close): the power consumption less than 0.5W. The minimal ON/OFF control wave width greater than 8ms. (Note: Must use optocoupler to control and isolate.)
Dimensions	5.9cm(W) x 16cm(L) x 4.8cm(H)
Weight	395g ±10g