

# 5KV Bipolar Cleaning Ionization Power Supply

**Product Code:** 5KV bipolar cleaning ionization power supply

**Weight:** 20.00kg

**Dimensions:** 644.00cm x 480.00cm x 178.00cm



## Short Description

This unit is used for high-pressure bombardment cleaning before workpiece coating & coating with silicone oil protective film for automotive lamp cups.

## Description

Features:

- 1: Its main loop topology adopts PFC+full-bridge architecture, combined with ARM+DSP digital control technology.
- 2: It detects V-ARC & I-ARC at the same time, quickly cuts off the output and activates the built-in patented technology to eliminate residual arc energy, avoid substrate discharge arcing, and ensure high-precision film layer to improve the yield of plated parts, surface finish and film bonding force.
- 3: Constant power/constant current mode switching, constant power mode can better ensure the repeatability of the coating process
- 4: Its operation can be controlled by panel and remote PLC. Analog and PROFIBUS communication

## Specification

Technical parameters	
Communication Interface	DB-9 ProfiBus Pin 3A 8B 5GND?optional?
Input Voltage & Frequency	380-400Vac + PE, 50-60HZ
Output current	2000mA
Output Power	10kW
Output voltage	5000V
Work mode	Constant voltage V/constant power P/constant current I
Working frequency	5000V