



AF01 Model

Air Cleaning HV Power Supply



Specification Summary

Input Voltage	100 – 130Vac or 200 – 260Vac. Please specify
Input Frequency	50 – 400Hz

Output Voltage

AF01 7/0	Ionizer / (no collector)	7kV
AF01 8/4	Ionizer / collector	8kV / 4kV
AF01 9/4.5	Ionizer / collector	9kV / 4.5kV
AF01 10/5	Ionizer / collector	10kV / 5kV
AF01 11/5.5	Ionizer / collector	11kV / 5.5kV
AF01 12/6	Ionizer / collector	12kV / 6kV

Output Power

AF01 x/x-2	20W
AF01 x/x-3	30W
AF01 x/x-5	50W

Circuit Protection

1. With very light loads or when off load, the power supply stays in repeat start (hiccup) mode.
2. When a short circuit is applied to the output, the output current is limited to 2.5 times the rated current.
3. When the power supply experiences a load discharge, the output is switched off briefly. The output automatically returns to normal operation.

Mechanical Specifications

Width	80mm
Depth	200mm
Height	40mm

Operating Conditions

Temperature Range	0°C to 40°C
Humidity	Less than 90% non condensing