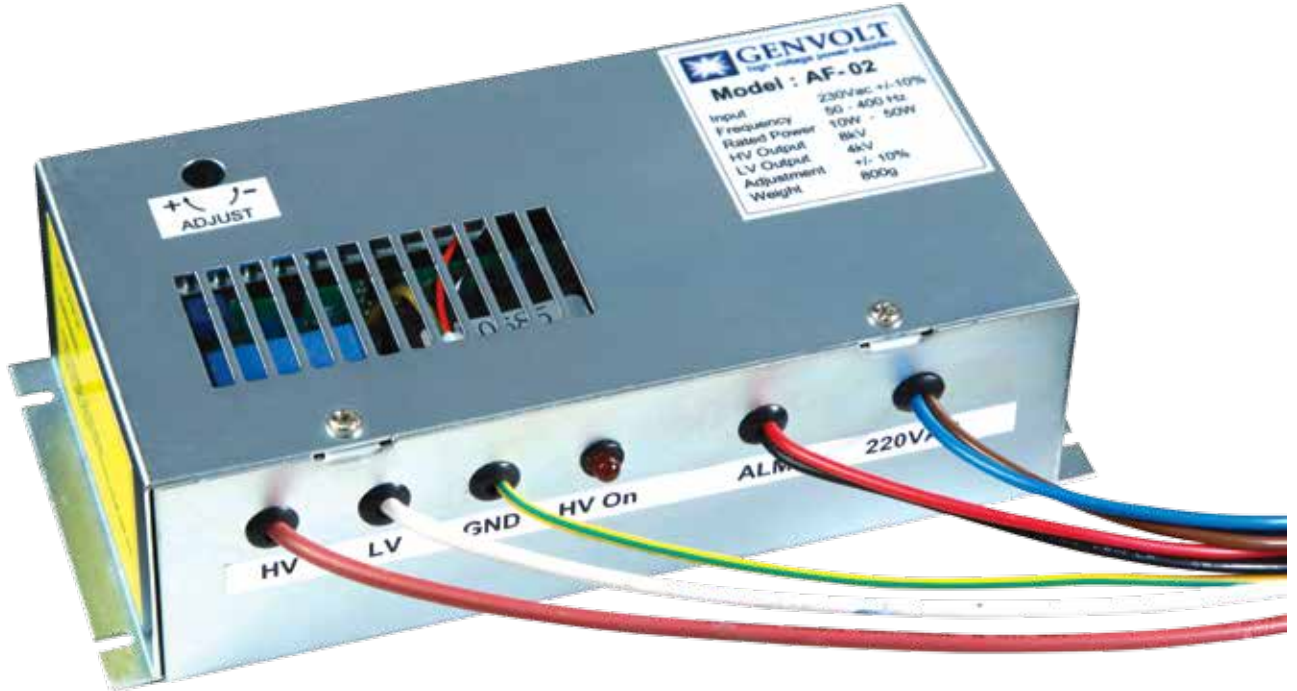




## AF02 Model

8kV /4kV Air Cleaning HV Power Supply



### Specification Summary

<b>Input Voltage</b>	100 – 130Vac or 200 – 260Vac. Please specify
<b>Input Frequency</b>	50 – 400Hz
<b>Input Connections</b>	Blue and brown leads, 22AWG, 500mm long

#### Output Voltage

<b>AF02 7/0</b>	Ionizer / (no collector)	7kV
<b>AF02 8/4</b>	Ionizer / collector	8kV / 4kV
<b>AF02 9/4.5</b>	Ionizer / collector	9kV / 4.5kV
<b>AF02 10/5</b>	Ionizer / collector	10kV / 5kV
<b>AF02 11/5.5</b>	Ionizer / collector	11kV / 5.5kV
<b>AF02 12/6</b>	Ionizer / collector	12kV / 6kV

<b>Ionizer Output Wire</b>	Red HV cable with insulation rated at 20kV
<b>Collector Output Wire</b>	White HV cable with insulation rated at 20kV
<b>Earth Wire</b>	Green and yellow lead, 22AWG, 500mm long

#### Output Power

<b>AF02 x/x-2</b>	20W
<b>AF02 x/x-3</b>	30W
<b>AF02 x/x-5</b>	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.
3. Fault indicator: Red and black leads, 22AWG, 500mm long. Connect any neon lamp (T1.1, T2 or T3 100Vto 250V).

#### Mechanical Specifications

<b>Width</b>	80mm
<b>Depth</b>	200mm
<b>Height</b>	40mm

#### Operating Conditions

<b>Temperature Range</b>	0°C to 40°C
<b>Humidity</b>	Less than 90% non condensing