



## AHV 10kV 100mA High Voltage AC Power Supply for Dielectric Barrier Discharge (DBD)

| Model (10kV)        | Output Range           |             |       |                            |
|---------------------|------------------------|-------------|-------|----------------------------|
|                     | Peak Voltage           | Max Current | Power | Frequency                  |
| AHV10-100-FF3K      | 0~10kV                 | 0~100mA     | 1000W | Fixed 3kHz                 |
| AHV10-100-FF5K      | 0~10kV                 | 0~100mA     | 1000W | Fixed 5kHz                 |
| AHV10-100-FF8K      | 0~10kV                 | 0~100mA     | 1000W | Fixed 8kHz                 |
| AHV10-100-FF10K     | 0~10kV                 | 0~100mA     | 1000W | Fixed 10kHz                |
| AHV10-100-FF20K     | 0~10kV                 | 0~100mA     | 1000W | Fixed 20kHz                |
| AHV10-100-FF30K     | 0~10kV                 | 0~100mA     | 1000W | Fixed 30kHz                |
| AHV10-100-FF40K     | 0~10kV                 | 0~100mA     | 1000W | Fixed 40kHz                |
| AHV10-100-FF50K     | 0~10kV                 | 0~100mA     | 1000W | Fixed 50kHz                |
| AHV10-100-FF100K    | 0~10kV                 | 0~100mA     | 1000W | Fixed 100kHz               |
| AHV10-100-AF5-10K   | 0~10kV                 | 0~100mA     | 1000W | Adjustable 5kHz to 10kHz   |
| AHV10-100-AF10-20K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 10kHz to 20kHz  |
| AHV10-100-AF10-30K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 10kHz to 30kHz  |
| AHV10-100-AF20-30K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 20kHz to 30kHz  |
| AHV10-100-AF20-40K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 20kHz to 40kHz  |
| AHV10-100-AF20-50K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 20kHz to 50kHz  |
| AHV10-100-AF30-40K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 30kHz to 40kHz  |
| AHV10-100-AF30-50K  | 0~10kV                 | 0~100mA     | 1000W | Adjustable 30kHz to 50kHz  |
| AHV10-100-AF50-100K | 0~10kV                 | 0~100mA     | 1000W | Adjustable 50kHz to 100kHz |
| Dimensions          | 439W*110H*363D mm      |             |       |                            |
| Weight              | Approx 10kg            |             |       |                            |
| AC input            | 1φ3W, 220V±10% 50/60Hz |             |       |                            |



## AHV 10kV 400mA High-Voltage AC Power Supply for Plasma Generation

| Model (10kV)        | Output Range           |             |       |                            |
|---------------------|------------------------|-------------|-------|----------------------------|
|                     | Peak Voltage           | Max Current | Power | Frequency                  |
| AHV10-400-FF1K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 1kHz                 |
| AHV10-400-FF2K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 2kHz                 |
| AHV10-400-FF3K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 3kHz                 |
| AHV10-400-FF4K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 4kHz                 |
| AHV10-400-FF5K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 5kHz                 |
| AHV10-400-FF8K      | 0~10kV                 | 0~400mA     | 4000W | Fixed 8kHz                 |
| AHV10-400-FF10K     | 0~10kV                 | 0~400mA     | 4000W | Fixed 10kHz                |
| AHV10-400-FF20K     | 0~10kV                 | 0~400mA     | 4000W | Fixed 20kHz                |
| AHV10-400-FF30K     | 0~10kV                 | 0~400mA     | 4000W | Fixed 30kHz                |
| AHV10-400-FF40K     | 0~10kV                 | 0~400mA     | 4000W | Fixed 40kHz                |
| AHV10-400-FF50K     | 0~10kV                 | 0~400mA     | 4000W | Fixed 50kHz                |
| AHV10-400-FF100K    | 0~10kV                 | 0~400mA     | 4000W | Fixed 100kHz               |
| AHV10-400-AF2-8K    | 0~10kV                 | 0~400mA     | 4000W | Adjustable 2kHz to 8kHz    |
| AHV10-400-AF5-10K   | 0~10kV                 | 0~400mA     | 4000W | Adjustable 5kHz to 10kHz   |
| AHV10-400-AF10-20K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 10kHz to 20kHz  |
| AHV10-400-AF10-30K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 10kHz to 30kHz  |
| AHV10-400-AF10-40K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 10kHz to 40kHz  |
| AHV10-400-AF10-50K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 10kHz to 50kHz  |
| AHV10-400-AF20-30K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 20kHz to 30kHz  |
| AHV10-400-AF20-40K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 20kHz to 40kHz  |
| AHV10-400-AF20-50K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 20kHz to 50kHz  |
| AHV10-400-AF30-40K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 30kHz to 40kHz  |
| AHV10-400-AF30-50K  | 0~10kV                 | 0~400mA     | 4000W | Adjustable 30kHz to 50kHz  |
| AHV10-400-AF50-100K | 0~10kV                 | 0~400mA     | 4000W | Adjustable 50kHz to 100kHz |
| Dimensions          | 439W*133H*503D mm      |             |       |                            |
| Weight              | Approx 15.5kg          |             |       |                            |
| AC input            | 1φ3W, 220V±10% 50/60Hz |             |       |                            |