Key Features

- Turnkey system
- Front panel pulse control
- DC power supply included
- Independently user adjustable
  - Output voltage
  - Pulse width
  - Pulse repetition frequency
- Fast rise times

Applications

- Dielectric barrier discharge
- Rapid capacitor charging
- Pseudospark
- Laser driver
- High power microwaves
- Light production
- Surface modification
- Medical devices
Applications
Below are several example plasmas: atmospheric pressure plasma jet, pseudospark discharge in low pressure argon, 1 m long DBD, and liquid water discharge.

Pulse Waveform
The waveforms below demonstrate the adjustability of the pulse width (20 ns - left and 100 ns - right) and fast rise time (20 ns). The pulse shape is load dependent. Custom units with faster rise times and higher voltage are possible.

Applications
Below are several example plasmas: atmospheric pressure plasma jet, pseudospark discharge in low pressure argon, 1 m long DBD, and liquid water discharge.

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