

❖ PPS5kV5A_Pos_Neg

- ✓ Made for Plasma Jets and DBDs
- ✓ Real Square Pulses
- ✓ Polarity Inversion in ms
- ✓ Integrated HV DC charger
- ✓ Built-in User Interface
- ✓ **"Plug & Plasma" Concept**
- ✓ Short circuit protection
- ✓ Thermal protection
- ✓ 5-year Warranty



Specifications ^{(1),(2)}

Output waveform:	HV pure Square Pulses
Pulse slopes:	Rise/fall time 50 ns (typically; load dependent)
Pulse amplitude	0 – 5 kV; resolution 5 V; invertible polarity (+/-) in-situ
Output current (peak)	5 A (FWHM ≤ 100 ns)
Pulse repetition frequency	10 Hz – 50 kHz; resolution 10 Hz
Energy per Pulse (max)	2.5 mJ
Pulse duty cycle ⁽³⁾	0.01 – 99.99%; resolution 0.01%
Output Rated Power	> 125 W
Aux. Inputs & Outputs (opto-isolated BNC)	Trigger-in (TTL) & Trigger-out (TTL)
Output Interlock	Inductive proximity sensor
H.V. Output Termination	Certified coaxial safety connector (female)
Output Connection to Load	Certified HV shielded cable & Coaxial safety connector (male)
Mains (Plug) Voltage	220-240 V (50 Hz) or 110-120 V (60 Hz)

Note 1: for customized specifications, please contact us.

Note 2: specifications subject to change without notice.

Note 3: minimum pulse width 300 ns.

