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## Nanoscond Pulse Generators by Eagle Harbor Technologies (EHT)

Low Power Series (see "High Power" for high power models)

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Your full model is designated as NSP-Power-Voltage-Polarity-PW-Rp

For example **NSP-120-10-P-500--L**

Values are indicative

Model	Voltage (kV)	Power (W)	PRF (kHz)	Rise Time (ns)	PW min (ns)	Output Z ( $\Omega$ )	Max Current (A)
NSP-120-5	5	120	10	20	20	100	60
NSP-120-10	10	120	10	20	30	300	40
NSP-120-20	20	120	10	20	40	1000	20
NSP-120-30	30	120	3	40	100	2000	15

Power is measured at the DC supply

Specifications may not be simultaneous maximums. See user's manual for operational area figures.

### Select Options:

#### Pull-Down Resistor

High Impedance (for arc loads)

Low Impedance (capacitance, DBDs)

#### Grounding

Floating output (best for EMI, but diagnostics a little harder)

Grounded Positive Polarity

Grounded Negative Polarity

#### Pulse Width

Pulse width 30-250 ns (faster rise times)

Pulse width 40-500 ns (default)

### Included:

ROS (Resistive Output Stage, to prevent catastrophic shorts)

External Trigger and Gate