

Nanoscond Pulse Generators by Eagle Harbor Technologies (EHT)

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

July 2019

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

For example **NSP-1500-10-P-500--L**

Values are indicative

Model	Voltage (kV)	Power (W)	PRF (kHz)	Rise Time (ns)	PW (ns)
NSP-1500-5	5	1500	30	20	40-500
NSP-5000-5	5	5000	100	20	40-500
NSP-1500-10	10	1500	30	20	40-500
NSP-5000-10	10	5000	100	20	40-500
NSP-1500-20	20	1500	30	20	40-500
NSP-5000-20	20	5000	100	20	40-500

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

Included:

ROS (Resistive Output Stage, to prevent catastrophic shorts)

External Trigger and Gate