

High voltage nanosecond pulse generator



NPG-15/2000

- Compact
- Low cost
- Long operation life

NPG-15/2000 generator is designed for barrier and other type discharge systems as well as others applications which requires high voltage power nanosecond pulses. Compact, reliable and cost-efficient, it can provide up to 4.5 MW peak power and about 100 W average power at the load.

NPG-15/2000 generator is based on Drift Step Recovery Diodes, new type of semiconductor devices which allow to obtain high reliability, high efficiency and long operation life time of the generator.

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| Pulse amplitude | regulated 13 - 18kV at matched 75 Ohm load up to 36kV at discharge reactor |
| Pulse rise time | 4 ns |
| Max pulse energy | 30mJ |
| Peak pulse power | 4.5 MW |
| Repetition rate | up to 3.2 kHz |
| Special output connector for HV applications | |
| Internal and external triggering | |
| Opto-fiber connectors for external triggering and pulse monitoring | |

