

## Passive Q-Switched 1064 nm DPSS Laser 3 mJ, 1 MW peak output



### Features

- Passively Q-Switched Diode Pumped Solid State Laser
- Monolithic Self Aligning Patented Design (U.S. Pat. No. 7,149,231)
- Very High Peak Power (1 MW) & Pulse Energy (3 mJ)
- Extremely Compact
- Fan-less and No Water Cooling
- Maintenance Free
- Proven Operating Performance – now exceeding 6 years of continuous operation
- Frequency Conversion to 532 nm – fully integrated as option
- Externally Triggerable
- Industrial, Scientific, Medical and Military applications
- Made in the USA

**This very compact high energy model delivers 3 mJ pulses with pulse duration of 3 ns resulting in a high peak power of 1 MW. The proprietary and patented side pumped monolithic design allows for very high peak power relative to its compact size while providing a very stable and maintenance free operation.**

Specifications		Units
Wavelength	1064 / 532	nm
Energy Pulse	3 / 1.5	mJ
Peak Power	1.0 / 0.5	MW
Pulse width	3	ns
Repetition rate	0-45 / 111	Hz avg. / Instantaneous
<b>Utility and Environmental Requirements</b>		
Power supply	5 / 15	Amp/Volt
Power consumption	75	W
Ambient operating temperature range	15-40	°C
Non-operating storage temperature	-10-65	°C
Dimensions		
- Laser L x W x H	206 x 102 x 76 8.125 x 4 x 3	mm inches
Weight		
- Laser	1.4	Kg