

MPL-N-3800/1~300mW

### LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

All CNL's Q-switched DPSS laser at 3800nm features high peak power, high repetition rate, and short pulse duration, it is widely used in inspection, scientific research and so on.



#### SPECIFICATIONS

Wavelength (nm)	3800±20
Operating mode	Pulsed, passively Q-switched
Max average power (mW)	>1, 10, 30, ...,300
Power stability (over 4 hours)	<5%
Pulse duration (ns)	5~10
Rep. rate (kHz)	5~15
Beam divergence, full angle (mrad)	<4
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~6,
Beam height from base plate (mm)	111.5
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year

