

MPL-N-3800/30uJ/1~300mW

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

Q-switched DPSS laser at 3800 nm has the features of high peak power, high repetition rate, and short pulse duration, which 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, ..., 300
Power stability (over 4 hours)	<5%, <10%
Pulse duration (ns)	5~10
Peak power (kW)	3~6
Rep. rate (kHz)	5~15, adjustable by external control
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0
Beam height from base plate (mm)	68.5
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year

