

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)	1-300
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
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (mm)	~3.0
Operating temperature (°C)	10~35
Beam height from base plate (mm)	68.2
Cooled method	Air cooled
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MPL-N-3800	Dimension	PSU-H-FDA	Dimension
<p>470(L) × 99(W) × 94(H) mm³, 2.6 kg</p>		<p>238 (L) × 146(W) × 102 (H) mm³, 2.3 kg</p>	