

MPL-N-1064/150~250uJ/1500~2500mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER





Q-switched DPSS laser at 1064nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser marking on the diamond, metal, Steel, IC, Plastics, package, Logo, scientific research and etc.



SPECIFICATIONS

Wavelength (nm)	1064±1		
Operating mode	Q-switched		
Max average power (mW)	1500-2500		
Power stability (over 4 hours)	<1%, <3%, <5%		
Pulse duration (ns)	3~5	5~10	
Peak power (kW)	30~60	20~30	
Rep. rate (kHz)	5 -15kHz, Suitable for the applications of needing high peak power.		
Transverse mode	TEM ₀₀		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0		
Operating temperature (°C)	10~35		
Beam height from base plate (mm)	68.2		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		
Pilot light (optional)	<5mW@650nm		



MPL-N-1064	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
 240(L)×99(W)×94(H) mm ³ , 2.6 kg	 268 (L) ×145(W)×106 (H) mm ³ , 2.6 kg	 238 (L) ×146(W)×102 (H) mm ³ , 2.3 kg	 215 (L) ×129 (W) ×122 (H) mm ³ , 2.145 kg
