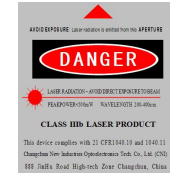




MPL-U-xxx-DP series

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

All solid state Q-switched laser has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in material processing,measure,scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	213±1	320±1	639±1
Operating mode	Frequency conversion of Q-switched pulsed laser		
Max average power (mW) ⁽¹⁾	10	20	1~700
Single pulse energy (μJ)	0.1~0.8	0.1~1.6	0.1~58
Pulse duration (ns)	~9	~10	~12
Peak power(kW)	0.01~0.08	0.01~0.16	0.008~4.83
Rep. rate (kHz)	QCW	9kHz-15kHz	
Power Stability (rms,over 4 hours)	<5%		
Transverse mode	Near TEM ₀₀		
Warm-up Time (minutes)	<10		
Operating temperature (°C)	10~35		
Warranty	1 year		

(1) Average power (mW)= Single pulse energy (μJ)* Rep. rate(kHz)