



MPL-Q1-266/10uJ/10mW

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266 nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.



SPECIFICATIONS

Wavelength (nm)	266±1
Operating mode	Frequency conversion of Q-switched pulsed laser
Max average power (mW)	~10
Single pulse energy (μJ)	~10
Pulse duration (ns)	~1.0
Peak power(kW)	~10
Rep. rate (kHz)	1kHz
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Ave power stability (over 4 hours)	<5%, <10%
Transverse mode	Near TEM ₀₀ ,elliptical
Beam diameter at the aperture(mm)	<1.2mm
Warm-up time (minutes)	<10
Beam height from base plate (mm)	35
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA
Expected lifetime (hours)	5000
Warranty period	1 year
Remarks	Please Note: because of the Walk-off effect of Nonlinear crystals, the beam quality of UV laser is not so good as that of 1064/532nm laser.



MPL-Q1-266	PSU-H-LED	PSU-H-FDA
<p>206(L)×70(W)×55(H) mm³, 1.2kg</p>	<p>277(L)×145(W)×106(H) mm³, 2.6 kg</p>	<p>275 (L) ×145 (W) ×104 (H) mm³, 2.3 kg</p>