

MPL-N-355/30~60uJ/150~550mW

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 355nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.



Wavelength (nm)	355 ± 1	
Output average power (mW)	150~550	
Transverse mode	Near TEM ₀₀	
Operating mode	Frequency conversion of Q-switched pulsed laser	
Single pulse energy (μJ)	30~60	
Pulse duration (ns)	~7	
Peak power (kW)	~10	
Rep. rate (kHz)	Undefined rep. rate among 5k-15kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.	
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)	
Ave power stability (over 4 hours)	<5%, <10%	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	68.2	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Cooling system	Cooled by TEC and air, no water needed.	
Expected lifetime (hours)	8000	
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-N-355	PSU-H-LED	PSU-H-FDA	UV prism
<p>240(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>268 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	