

MPL-N-355/0.1~90uJ/1~800mW



**LD PUMPED
ALL-SOLID-STATE
UV LASER**

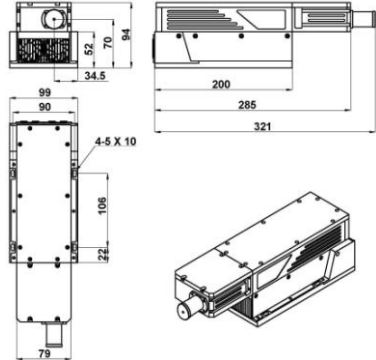
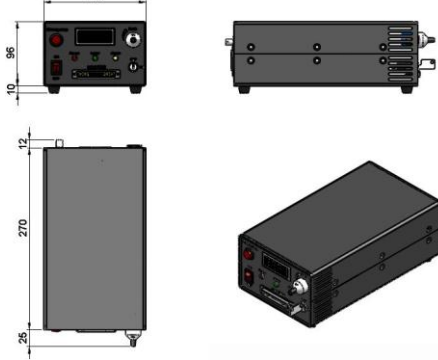
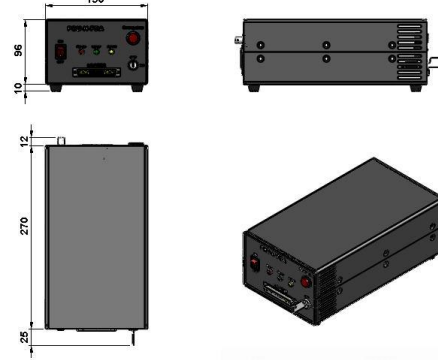
All solid state 355nm UV laser is made features of ultra compact, long lifetime, and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.



SPECIFICATIONS

Central wavelength (nm)	355±1	
Output average power (mW)	1~150	150~800
Transverse mode	Near TEM ₀₀	
Operating mode	Frequency conversion of Q-switched pulsed laser	
Single pulse energy (μJ)	0.1~15	~90
Pulse duration (ns)	~1.3	~7
Peak power (W)	80~11500	~13000
Rep. rate (kHz)	FIXED	Setting up one fixed rep. rate internal between 10kHz-15kHz with stable pulse energy, pulse duration and pulse period.
	EXT TRIG	3kHz-5kHz by external trigger with stable pulse energy, pulse duration and pulse period.
	QCW	QCW state with one rep. rate between 3kHz-5kHz.
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)	70	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-N-LED PSU-N-FDA	
Cooling system	Air	
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-N-355	PSU-N-LED	PSU-N-FDA
 <p>321(L) x 99(W) x 94(H) mm³, 3.215 kg</p>	 <p>307(L) x 150(W) x 106(H) mm³, 2.9 kg</p>	 <p>307(L) x 150(W) x 106(H) mm³, 2.9 kg</p>