

MPL-N-266/0.1~10uJ/1~120mW

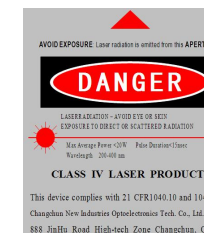
SPECIFICATIONS

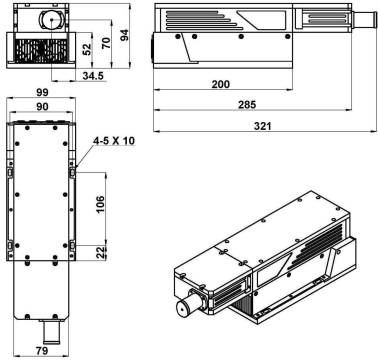
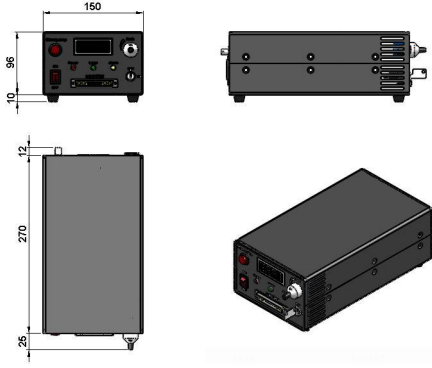
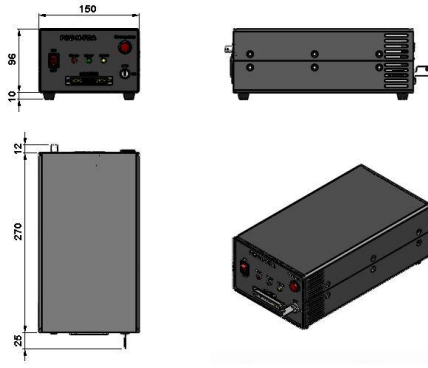


**LD PUMPED
ALL-SOLID-STATE
UV LASER**

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.

Central wavelength (nm)		266±1	
Output average power (mW)		1~30	20~30
Transverse mode		Near TEM ₀₀ , elliptical	
Operating mode		Frequency conversion of Q-switched pulsed laser	
Single pulse energy (μJ)		0.1~3	~10
Pulse duration (ns)		~1.3	~6
Peak power (W)		80~2300	~1700
Rep. rate (kHz)	FIXED	Setting up one fixed rep. rate internal between 3kHz-5kHz 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 10kHz-15kHz.	
Average power (mW)		Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)	
Ave power stability (over 4 hours)		<5%, <10%	
Beam parameters		Elliptical (4:1), Beam spot 0.5*2mm	
Warm-up time (minutes)		<10	
Beam height from base plate (mm)		70	
Operating temperature (°C)		10~35	
Power supply (90-264VAC)		PSU-H-LED / PSU-H-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-266	PSU-H-LED	PSU-H-FDA
 <p>321(L)×99(W)×94(H) mm³, 3.215 kg</p>	 <p>307(L)×150(W)×106(H) mm³, 2.9 kg</p>	 <p>307(L)×150(W)×106(H) mm³, 2.9 kg</p>