

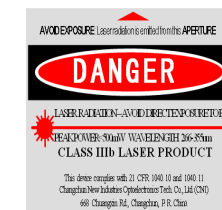
MPL-N-266/5~10uJ/50~100mW





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

All solid state 266 nm 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)	266±1		
Output average power (mW)	50~100		
Transverse mode	Near TEM <sub>00</sub> , elliptical		
Operating mode	Pulsed, Cr : YAG passively Q-switched		
Single pulse energy (μJ)	5~10		
Pulse duration (ns)	~7		
Peak power (W)	~2800		
Rep. rate (kHz)	Undefined rep. rate among 6k-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%		
Beam parameters	Elliptical (4:1), Beam spot 0.5*2mm		
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	PSU-N-OEM
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-266	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
 <p>235(L)×99(W)×94(H) mm<sup>3</sup>, 2.6 kg</p>	 <p>240 (L) ×146(W) ×108 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</p>	 <p>215 (L) ×129 (W) ×122 (H) mm<sup>3</sup>, 2.145 kg</p>
