



# Lasertack

## New Laser Generation

MPL-W-355/25~80 μJ/400~2000mW

### 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

Wavelength (nm)	355 ± 1	
Operating mode	Passively Q-switched	
Average power (mW)	400~2000	
Single pulse energy (μJ)	25~80	
Pulse duration (ns)	~5	
Peak power (kW)	5~16	
Rep. rate (kHz)	Undefined rep. rate among 15k-25kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.	
Power stability (over 4 hours)	<5%, <10%	
Transverse mode	Near TEM <sub>00</sub>	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4.0	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	93.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
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.	



MxL-W-266	PSU-W-LED	PSU-W-FDA
421(L)×140(W) ×124.3(H) mm <sup>3</sup> , 6.0 kg	336 (L) ×168(W) ×133(H) mm <sup>3</sup> , 4.6 kg	307 (L) ×168(W) ×123(H) mm <sup>3</sup> , 4.5 kg