



Your source for high quality, affordable lasers

Model: **MPL-W-355/25~80uJ/400~2000mW**


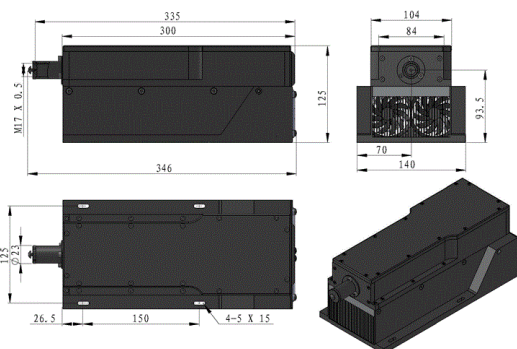

## DATA SHEET

### 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 ± 1nm
Max average power ( mW )	400~2000mW
Transverse mode	Near TEM <sub>00</sub>
Operating mode	Passively Q-switched
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.
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 )	93.5
Operating temperature ( °C )	10~35
Power supply	PSU-W-LED
Cooling system	Air
Expected lifetime ( hours )	8,000
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.



Laser Head: MxL-W-355	Dimensions	Power Supply: PSU-W-FDA	Dimensions
 <p>346(L)×140(W) ×125(H) mm<sup>3</sup>, 6.1 kg</p>		 <p>324 (L) ×168(W) ×123 (H) mm<sup>3</sup>, 5.1 kg</p>	