

**MPL-H-355/0.1~7uJ/1~50mW**


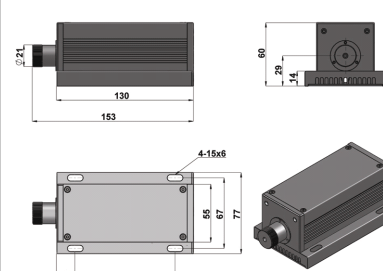

**SPECIFICATIONS**

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

All solid state 355 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)	355±1
Output average power (mW)	1~50
Transverse mode	Near TEM <sub>00</sub>
Operating mode	Q-switched pulsed laser
Single pulse energy (μJ)	0.1~7
Pulse duration (ns)	1.3
Peak power(kW)	~5
Rep. rate(kHz) Uncontrollable	Undefined rep. rate among 4k-7kHz and unstable laser pulse emitting.
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Ave power stability (over 4 hours)	<5%, <10%
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (mm)	~2.0
Polarization ratio	>100:1
Pointing stability after warm-up (mrad)	<0.05
Warm-up time(minutes)	<10
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Spectral purity	>99%
Power supply (90-264VAC)	PSU-H-FDA
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.



MxL-H-355		PSU-H-FDA	
 <p><b>153(L)×77(W)×60(H) mm<sup>3</sup>, 0.9 kg</b></p>		 <p><b>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</b></p>	