

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

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

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.









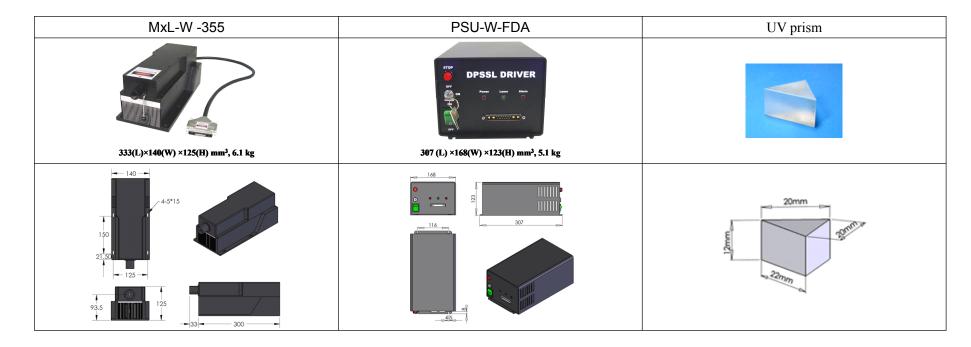


SPECIFICATIONS

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Wavelength (nm)		355±1
Max average power (mW)		400~2000
Transverse mode		Near TEM ₀₀
Operating mode		Passively Q-switched
Single pulse energy (µJ)		25~80
Pulse duration (ns)		~5
Peak power (kW)		5~16
Rep. rate (kHz)	Uncontrollable	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 (μ J) * 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 (90-264VAC)		PSU-W-FDA
Cooling system		Air
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.







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