

DPSS 355nm Q-switched Pulsed UV Laser



Specifications :

Model	SDL-355-XXXQ
Wavelength (nm)	355nm
Ave Output Power	600-1000mW
Operating mode	Frequency conversion of Q-switched pulsed laser
Peak power (mW)	~600W
Single pulse energy	~30~50μJ
Pulse duration	~15ns
Average power (mW)	Average power (mW) = Single pulse energy (uJ) * Rep. rate (kHz)
Rep. rate (kHz)	Undefined rep. rate among 5k-20kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.
Ave power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Point stability after warm-up	<0.05mrad
Transverse mode	Near TEM00
Warm-up time	<15 minutes
Beam parameters	Elliptical (4:1)
Dimensions of laser head (mm)	335×140×125mm
Beam Dimension	<2mm
Spectral line width	>100:1
Power supply (110 or 220VAC)	SDL-PS-1000
Operating Temperature	10℃~35℃
Dimensions of power supply	324 × 277 × 142mm
Expected Operating Lifetime	> 8000 hours
Warranty time	1 year