

532nm Q-switched/Pulsed Laser



Specifications:

Model	SDL-532-QSL-XXXT
Wavelength(nm)	532nm
Single pulse energy	1~3mJ
Operation Mode	QCW, Q-switched pulsed laser
Pulse duration	~100ns
Peak power	10~30kW
Q-switched	AOM (Acousto-Optic Modulation)
Rep. rate	1kHz~100kHz, adjustable
Average power	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz) 10~30W@10kHz, typical
Ave power stability	<1%, <3%, <5% (over 2/4/8 hours)
Beam Divergence (1/e2, Full Angle)	< 2mrad
Warm-up time	< 10 minutes
Beam Diameter	~7.0mm
Dimensions of laser head	375 × 165 × 105mm
Power supply	PS-800 (110/220VAC)
Dimension of Power supply	340 × 463 × 221mm
Operating temperature	15-35°C
Cooled method	Water Cooled
Expect life time	10000 hours
Warranty time	1 year