

266nm Pulsed Lasers (100-266nm)



Specifications :

Model	SDL-266-300Q
Wavelength	266+-1nm
Output average power	50-300mW
Transverse mode	near TEM00
Operation Mode	Frequency conversion of Q-switched pulsed laser
Single pulse energy	5~15μJ
Pulse duration	~15ns
Peak power	~450W
Average power	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Ave power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Warm-up time	<15minutes
Beam parameters	Elliptical (4:1), Beam spot ~2mm
Beam diameter at the aperture	~2mm
Polarization ratio	>100:1
Point stability after warm-up	<0.05mrad
Dimensions of Laser head	330 × 140 × 125mm
Power supply	SDL-PS-800
Dimensions of power supply	300 × 162 × 134mm
Expected Operating Lifetime	8000 hours
Warranty time	1 year