



Shanghai Dream Lasers Technology Co., Ltd.

## DPSS 266nm Q-switched Pulsed Deep UV Laser



### Specifications:

Model	SDL-266-QSL-XXXXT
Average Output Power @ 25 °C	10~30mW
Wavelength	266±1nm
Transverse Mode	see below
Operation Mode	Cr:YAG Passively Q-switched pulsed
Ave Power Stability over 2 hours after Warm-up	<5%
Rep. rate (kHz)	Free rep. rate among 5k-7kHz Or adjusted by external trigger from 1~4KHz
Pulse duration	~4ns
Single pulse energy (μJ)	=Average output power(mW)/ Rep. rate (kHz)
Beam Diameter at the Aperture	Elliptical (3:1), Beam spot ~2mm
Beam Divergence (1/e <sup>2</sup> , Full Angle)	<2mrad
Polarization Ratio	>50:1
Warm-up Time	< 15 minutes
Operating Temperature	10°C ~ 35°C
Laser Head	SDL-LH-900: 212x88x74mm
Power Supply	SDL-PS-500: 240x146x104mm
Input voltage	90-265VAC 50/60Hz,
Expect Life Time	10000 hours
Warranty Time	1 year

\* 4 or 8 hours Longer operation period output power stability are available on request.

\* Other version power supply are available on request.

1. Current display, power adjustable function version  
SDL-PS-600: 200x290x120mm.

2. DC power supply

\* Modulation info on request.

\* Filter type, Fixed external prism type, Externally installed prism and prism holder type as option.

\* Fiber coupled version are available on request.

\* Longer warranty on request.

\* Other custom-made design is available, please contact us for details.

