

## 266nm Pulsed Lasers (1-40mW)



### Specifications:

<b>Model</b>	<b>SDL-266-040Q</b>
<b>Wavelength</b>	266±1nm
<b>Output average power</b>	1-40mW
<b>Transverse mode</b>	near TEM00
<b>Operation Mode</b>	Frequency conversion of Q-switched pulsed laser
<b>Single pulse energy</b>	~0.1~5μJ
<b>Pulse duration</b>	~10ns
<b>Peak power</b>	~10W
<b>Average power</b>	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
<b>Ave power stability after warm-up</b>	<1%, <3%, <5% (over 2/4/8 hours)
<b>Warm-up time</b>	<15minutes
<b>Beam parameters</b>	Elliptical (4:1), Beam spot ~2mm
<b>Beam diameter at the aperture</b>	<2mm
<b>Polarization ratio</b>	>100:1
<b>Point stability after warm-up</b>	<0.05mrad
<b>Dimensions of Laser head</b>	212 × 88 × 74mm
<b>Power supply</b>	SDL-PS-500
<b>Dimensions of power supply</b>	238 × 146 × 94mm
<b>Expected Operating Lifetime</b>	10000 hours
<b>Warranty time</b>	1 year

Shanghai Dream Lasers Technology Co., Ltd.