

## DPSS 589nm Yellow Laser



### Specifications:

<b>Model</b>	<b>Lasence-589-100T</b>
<b>Output Power @ 25 °C</b>	>100mW
<b>Wavelength</b>	589±1nm
<b>Transverse Mode</b>	Near TEM00
<b>Operation Mode</b>	CW
<b>Power Stability over 2 hours after Warm-up</b>	<5%
<b>Pointing Stability after Warm-up</b>	<0.05 mrad
<b>Warm-up Time</b>	< 10 minutes
<b>M2 Factor</b>	< 3.0
<b>Beam Divergence (1/e<sup>2</sup>, Full Angle)</b>	< 1.5mrad
<b>Beam Diameter at the Aperture</b>	~ 3.0 mm
<b>Polarization Ratio</b>	>100:1
<b>Operating Temperature</b>	10°C~35°C
<b>Laser Head</b>	SDL-LH-1000: 238x100x95mm
<b>Power Supply</b>	SDL-PS-500: 240x146x104mm
<b>Input voltage</b>	90-265VAC 50/60Hz
<b>Modulation</b>	TTL Modulation >5KHz
<b>Expect Life Time</b>	10000 hours
<b>Warranty Time</b>	1 year

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

\* Better (<3%,<1%) 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. OEM DC input version.

\* Analog Modulation >2KHz or higher as option.

\* Up to 30Khz TTL modulation on request.

\* Line output version are available on request.

\* Fiber coupled version are available on request.

\* Longer warranty on request.

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

