



Lasers

257nm UV Lasers

UV Lasers

DPSS 257nm Passively Q-switched Pulsed Laser

257nm UV Lasers

261nm UV Lasers

266nm UV Lasers

303nm UV Lasers

320nm UV Lasers

349nm UV Lasers

351nm UV Lasers

355nm UV Lasers

360nm UV Lasers

371nm UV Lasers

375nm UV Lasers

395nm UV Lasers

398nm UV Lasers

Visible DPSS Lasers

Visible Diode collimated Lasers

Infrared DPSS Lasers

Infrared Diode collimated Lasers

Low Noise Lasers

Single Longitude Mode Lasers

Q-switched / Pulsed Lasers

RGB / RG Lasers

Fiber Lasers

Narrow Linewidth/Raman Laser

Laser Pointers

Laser Collimator

Laser Scanner System

Laser Accessory

Precision Optics

Crystals



Specifications:

Model Number

Average Output Power @ 25 °C

Wavelength

Operation Mode

Single Pulse Energy

Pulse Duration

Peak Power

M2 factor

Rep. Rate

Average Power stability over 2 hours after Warm-up

Average power (mW)

Transverse mode

Beam Diameter at the Aperture

Cooling System

Warm-up Time

Operating Temperature

Laser Head

Power Supply

Input voltage

Modulation

Expect Life Time

Warranty Time

SDL-257-QSL-XXXXT

1~20mW

257±1nm

Passively Q-switched

0.1~4uJ

~10ns

~400W

<1.5

QCW 2~5kHz

<10% (<5%,<3%,<1% optional)

Single pulse energy (μJ) * Rep. rate (kHz)

Near TEM00

0.5*2mm

Air

< 10 minutes

10°C~35°C

SDL-LH-1000: 238*100*95mm

SDL-PS-700: 306*168*124mm

DC or 90-265VAC 50/60Hz

TTL modulation

10000 hours

1 year

DPSS 257nm Passively Q-switched Pulsed Laser



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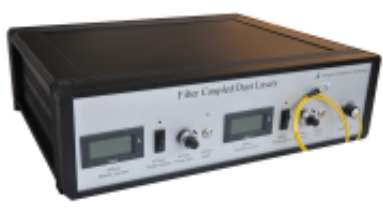
Single pulse energy (μJ) * Rep. rate (kHz)

Near TEM00

0.5*2mm

Cooling System		Air	
Warm-up Time		< 10 minutes	
Operating Temperature		10°C~35°C	
Laser Head	SDL-LH-1000	SDL-LH-1100	SDL-LH-1200
Power Supply	SDL-PS-500	SDL-PS-600	SDL-PS-800
Input voltage	DC or 90-265VAC 50/60Hz		
Modulation	TTL Modulation		
Expect Life Time	10000 hours		
Warranty Time	1 year		

*** Power Supply Option**

		
SDL-PS-300	SDL-PS-500	SDL-PS-900
		
SDL-PS-400	SDL-PS-600	SDL-PS-800

- * Detailed Laser Head and power supply info of each power version will be provided on request.
- * 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 Laser Head and power supply are available on request.
- * Analog Modulation >2KHz or higher as option.
- * Up to 30Khz TTL modulation on request.
- * High frequency AOM modulation on requested.
- * Line output version are available on request.
- * Fiber coupled system is available on request.
- * Longer warranty on request.
- * Other custom-made design is available, please contact us for details.