



3000-10000mW Output

Low Divergence, Low Noise

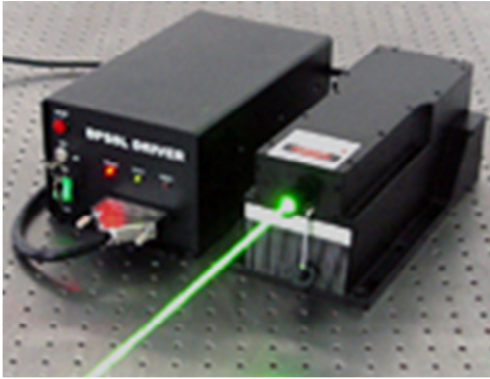
Diode Pumped, Compact, Air-Cooled

System Specifications	GL 532-H3	GL 532-H5	GL 532-H8	GL 532-H10
Wavelength	532 nm	532 nm	532 nm	532 nm
Output Power	3 W	5 W	8 W	10 W
Beam Diameter at the aperture	4.0 mm	4.0 mm	4.0 mm	4.0 mm
Transverse mode	Near TEM ₀₀	Near TEM ₀₀	Near TEM ₀₀	Near TEM ₀₀
Beam divergence	<2.0 mrad	<2.0 mrad	<2.0 mrad	<2.0 mrad
M ² factor	M ² ≤2.0	M ² ≤2.0	M ² ≤2.0	M ² ≤2.0
Spectral linewidth	<0.1 nm	<0.1 nm	<0.1 nm	<0.1 nm
Point stability after warm-up	<0.05 mrad	<0.05 mrad	<0.05 mrad	<0.05 mrad
Polarization ratio	>100:1	>100:1	>100:1	>100:1
Power stability	1%,5% @ 4 hours	1%,5% @ 4 hours	1%,5% @ 4 hours	1%,5% @ 4 hours
Noise of amplitude	<0.5% RMS	<0.5% RMS	<0.5% RMS	<0.5% RMS
Warm-up time	5 minutes	5 minutes	5 minutes	5 minutes
Expected lifetime	10,000 hours	10,000 hours	10,000 hours	10,000 hours
Warranty time	1 year	1 year	1 year	1 year

		Specifications
Utility and Environmental Requirements	Power supply	80-260VAC
	Power Consumption	50W
	Operating temperature	10-35°C
	Dimensions(L×W×H)	
	Laser Head	330×147×120mm
	Power Supply	300×220×120mm
	Weights	
	Laser Head	6.1Kg
	Power Supply	5.1Kg

532nm

CW Green Lasers



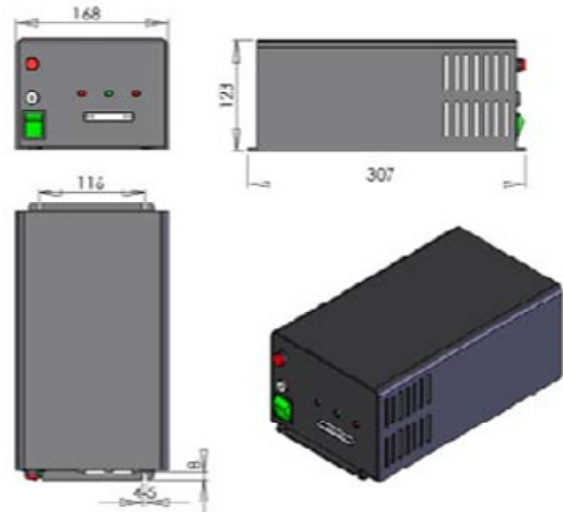
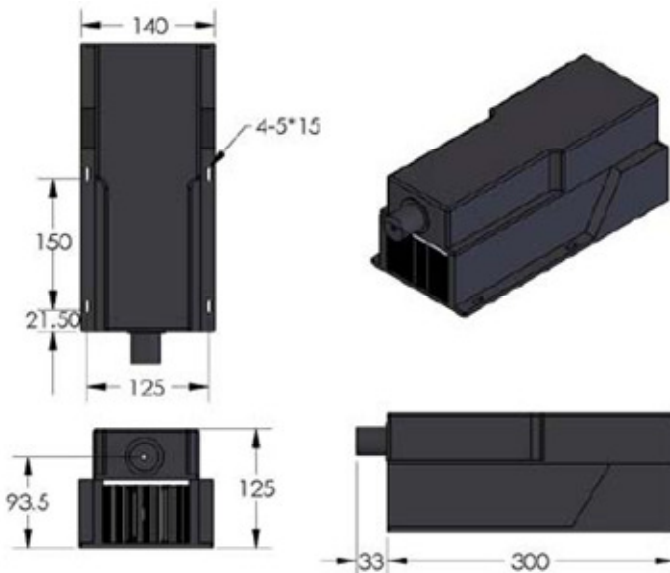
This 532nm CW Green Laser is a Diode-Pumped Solid-State (DPSS) Laser with Compacted, Rugged and Air-cooled geometry. The laser system includes one Laser Driver and one Laser Head, they are connected with a cable for compliance with FDA regulations as an OEM laser product, and can be operated over a wide temperature range, 10 to 35°C with a Low Noise and High Stability laser output.



333(L)×140(W)×125(H) mm³, 6.1 kg



300 (L) ×162(W) ×134(H) mm³, 5.2 kg



All Dimensions are in mm

Laser Lab Components, Inc. (LLCI) follows a policy of continuous product improvement. Specifications are subject to change without notice.

LLCI offers a limited warranty for all GL™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.LaserLabComponents.com, or contact your local Sales or Service Representative.

www.LaserLabComponents.com^d

