



100-2000mW Output

Low Divergence, Low Noise

Diode Pumped, Compact, Air-Cooled

System Specifications	GL 532 -100	GL 532 -200	GL 532 -500	GL 532 -1000	GL 532 -2000
Wavelength	532 nm	532 nm	532 nm	532 nm	532 nm
Output Power	100 mW	200 mW	500 mW	1000 mW	2000 mW
Beam Diameter at the aperture	2.0 mm	2.0 mm	3.0 mm	3.0 mm	3.0 mm
Transverse mode	TEM ₀₀	TEM ₀₀	TEM ₀₀	Near TEM ₀₀	Near TEM ₀₀
Beam divergence	<1.5 mrad	<1.5 mrad	<1.5 mrad	<2.0 mrad	<2.0 mrad
M ² factor	M ² ≤ 1.2	M ² ≤ 1.2	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	<0.1 nm
Coherent length	>1m	>1m	>1m		
Point stability after warm-up				<0.05mrad	<0.05mrad
Polarization ratio	>100:1	>100:1	>100:1	>100:1	>100:1
Power stability	1%,5%over 4 hours	1%,5%over 4 hours	1%,5%over 4 hours	1%,5%over 4 hours	1%,5%over 4 hours
Noise of amplitude	<0.5% RMS	<0.5% RMS	<0.5% RMS	<0.5% RMS	<0.5% RMS
Warm-up time	5 minutes	5 minutes	5 minutes	5 minutes	5 minutes
Expected lifetime	10,000 hours	10,000 hours	10,000 hours	10,000 hours	10,000 hours
Warranty time	1 year	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	160×60×50mm
	Power Supply	194×160×90mm
	Weights	
	Laser Head	0.38Kg
	Power Supply	1Kg

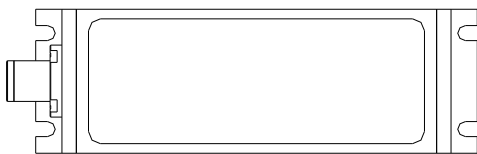
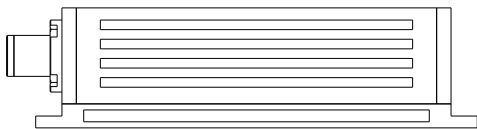
532nm

CW Green Lasers

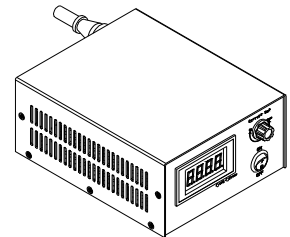
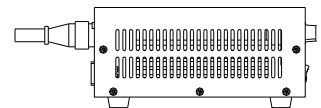
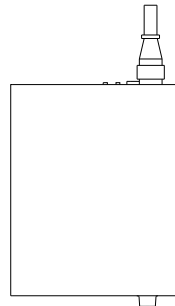
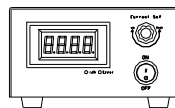


This 532nm CW Green Laser is a Diode-Pumped Solid-State (DPSS) Laser with Compacted, Rugged and Air-cooled geometry. The laser system includes one Laser Driver and one Laser Head, they are connected with a cable for compliance with FDA regulations as an OEM laser product, and can be operated over a wide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

Laser Head



Power Supply



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.

