



长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MGL-H-532/500~1200mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

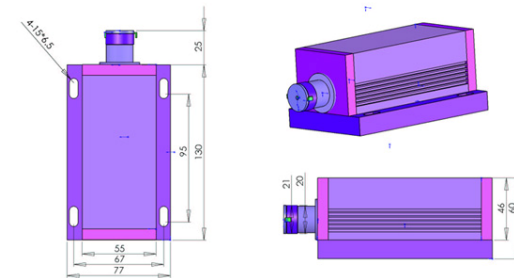
All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



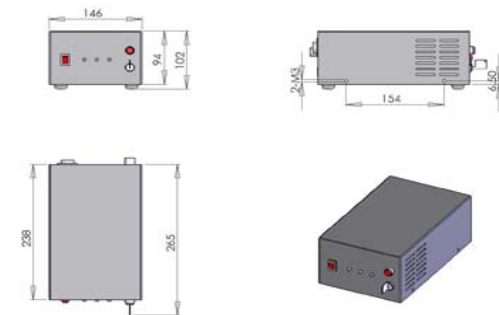
SPECIFICATIONS

Wavelength (nm)	532	
Output power (mW)	500~1200	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<15	
M ² factor	<2. 0	
Beam divergence, full angle (mrad)	<2. 0	
Beam diameter at the aperture (mm)	~3. 0	
Beam height from base plate(mm)	29	
Spectral linewidth (nm)	<0. 1	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0. 05	
Operating temperature (°C)	10~35	
Expected lifetime (hours)	10000	
Net weight of laser head (kg)	0. 86	
Dimensions of laser head (mm)	155(L)×77(W) ×60(H)	
Power supply (110 or 220VAC)	Integrated driver (PB256-FDA)	Dimensions: 238(L) ×146(W) ×102 (H) Net weight: 2. 88kg
Warranty period	1 year	
TTL modulation	Optional, 2kHz or higher (others on request, up to 30kHz)	
Analog modulation	Optional, 2kHz or higher(others on request, up to 30kHz) (0~max output / 0~5V input)	

LASER HEAD DIMENSIONS



POWER SUPPLY DIMENSIONS





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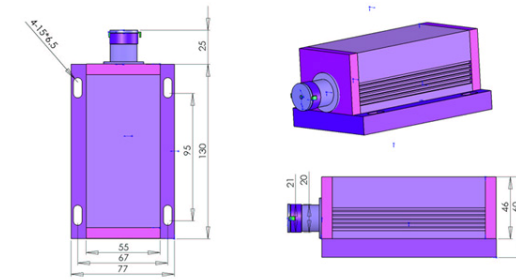
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