

MGL-N-558/1-100mW



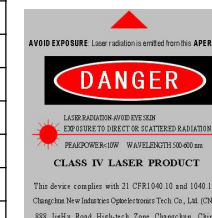
LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 558nm

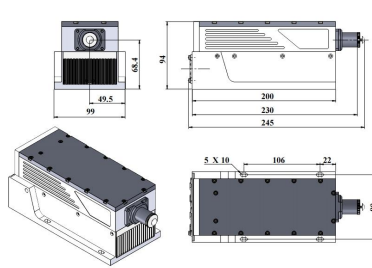
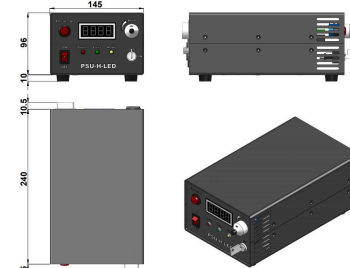
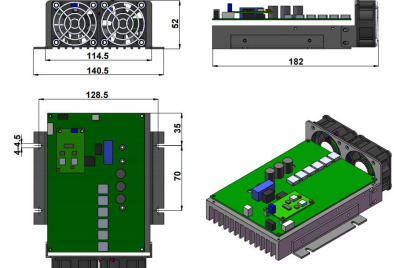
All solid state 558 nm yellow green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	558±1
Operating mode	CW
Output power (mW) ¹	1-100
Power Stability (rms, 4 hours ± 3°C)	<5%, <3%, (<2% optional)
Transverse mode	Near TEM ₀₀
M ²	1.5-3.0
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~4.0
Warm-up time (minutes)	<10
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50
Pointing Stability Over Temperature (urad/°C)	<20
Polarization ratio	>50:1(100:1 optional) , Horizontal(Vertical optional)
Beam height from base plate (mm)	68.4
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED/PSU-H-OEM
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY (PSU-H-FDA) ²	POWER SUPPLY (PSU-H-LED) ³	DRIVER (PSU-H-OEM)
 245 (L) × 99 (W) × 94 (H) mm³, 2.6 kg	 275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg	 275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg	 182 (L) × 140.5 (W) × 52 (H) mm³, 0.85 kg

1 Any power level can be selected in this range.

2 Fixed output power.

3 Output power adjustable 10-100%.

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