

MGL-W-532A/10-20W



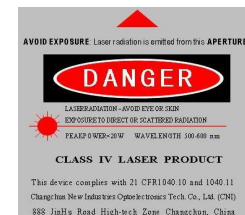
LD PUMPED ALL-SOLID-STATE GREEN LASER

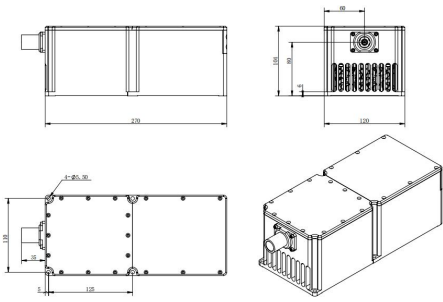
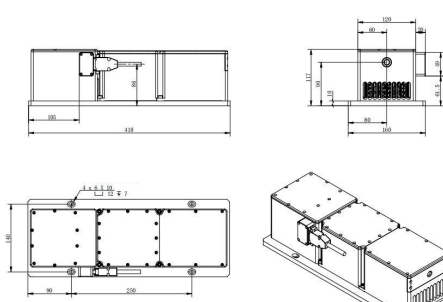
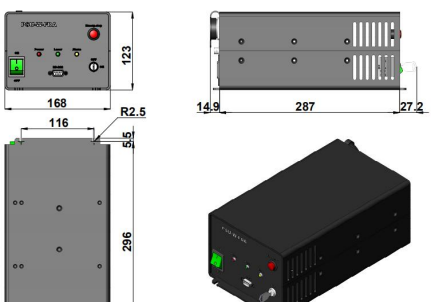
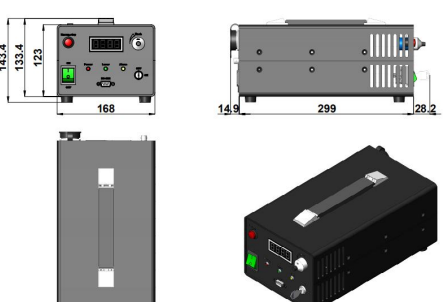
All solid state 532nm green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Model ¹	MGL-W-532A
Wavelength (nm)	532±1
Operating mode	CW
Output power (W) ²	10-20
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<2.0
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)	80
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-W-FDA/PSU-W-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000
Options	Linear power regulation 0-100% with constant beam quality. Part number: MGL-W-532A-HQ.



LASER HEAD (MGL-W-532A)	LASER HEAD (MGL-W-532A-HQ)	POWER SUPPLY (PSU-W-FDA)	POWER SUPPLY (PSU-W-LED)
 305 (L) ×120 (W) ×104 (H) mm³, 5.4 kg	 418 (L) ×160 (W) ×117 (H) mm³, 9.5 kg	 329.1 (L) ×168 (W) ×123 (H) mm³, 4.1 kg	 342.1 (L) ×168 (W) ×143.4 (H) mm³, 4.2 kg

1 OEM models can be customised.

2 Any power level can be selected in this range.

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068