



MGL-U series (500-570nm)

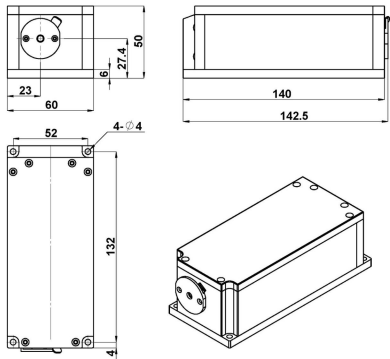
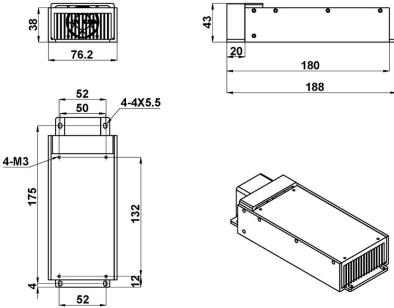
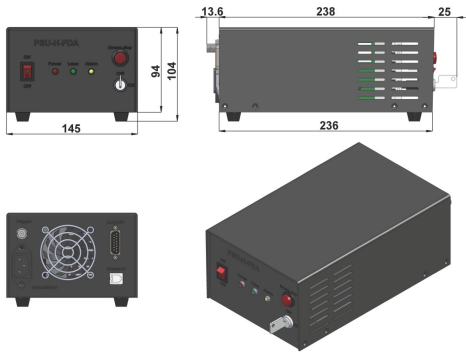
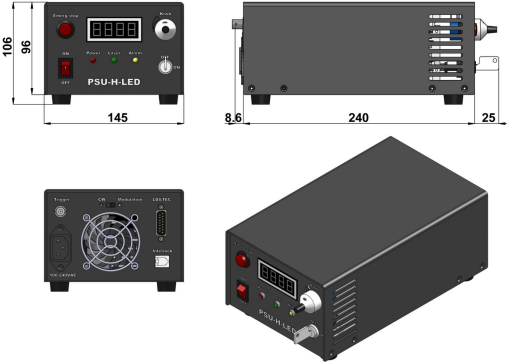
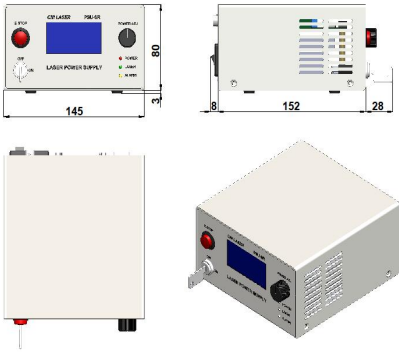
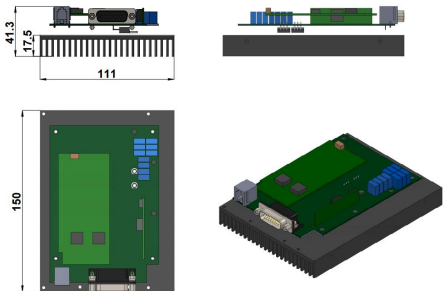


All-solid-state lasers feature an ultra-compact design, long service life, and high stability as well as reliability. They are widely used in scientific experiments, medical diagnostics, instrumentation, spectral analysis, and other applications.



Wavelength (nm)	532±1		543±1	556±1	561±1
Operating mode	CW				
Output power (mW) ¹	1- 500	1000-1500	1-200	1-200	80-300
Power stability (rms, 4 hours ±3°C)	<2%, <1%, (<0.5% optional)	<3%, <2%, <1%			
Transverse mode	TEM ₀₀				
M ²	<1.2				
Beam diameter at the aperture (1/e ² , mm)	<1.0				
Beam divergence (mrad)	<1.5				
Polarization ratio	>100:1, Horizontal (Vertical optional)		>100:1, Vertical (Horizontal optional)		
Warm-up time (minutes)	<5				
Pointing stability (μrad) (over 2 hours after warm-up and ±3°C)	<50				
Pointing stability over temperature (μrad/°C)	<8				
Beam height from base plate (mm)	27.4				
Laser head consumption (W)	15 (typical) , <25 (40°C)				
Operating temperature (°C)	10-35				
Modulation optional	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional				
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED/PSU-SR				
Power supply (12VDC)	PSU-SR-OEM (12V/25A)				
Expected lifetime (hours)	>10000				

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

LASER HEAD ²	HEATSINK (optional TC-04-FS)	POWER SUPPLY (PSU-H-FDA) ³
 142.5 (L)×60(W)×50(H) mm³, 1.0kg	 188(L)×76.2(W)×43(H) mm³, 0.65kg	 276.6(L)×145(W)×103.6(H) mm³, 2.3kg
POWER SUPPLY (PSU-H-LED) ⁴	POWER SUPPLY (PSU-SR) ⁴	DRIVER (PSU-SR-OEM) ⁴
 273.6 (L)×145(W)×106 (H) mm³, 2.3kg	 188(L)×145(W)×83(H) mm³, 1.2kg	 150(L)×111(W)×41.3(H) mm³, 0.8kg

1 Any power level can be selected in this range.

2 The laser head needs to be used on a heat sink with good heat dissipation.

3 Fixed output power.

4 Output power adjustable 10-100%; RS232 control optional.

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