

MGL-V-589-Water/1000~1500mW



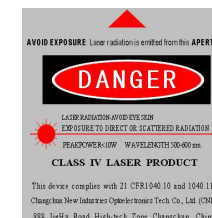
LD PUMPED ALL-SOLID-STATE  
YELLOW LASER AT 589nm

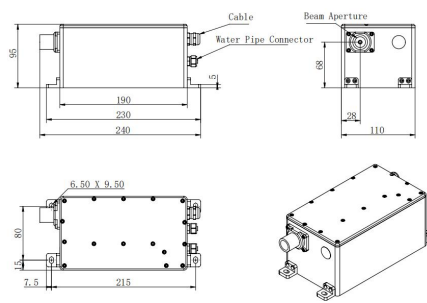
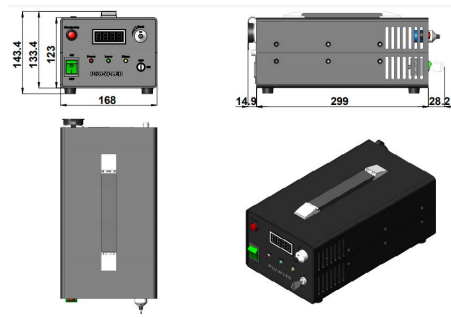
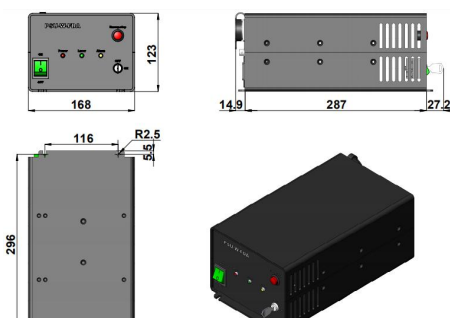
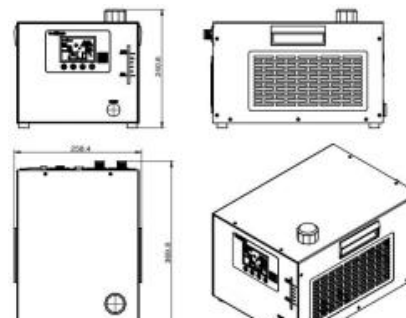
All solid state laser at 589nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	589±2	
Operating mode	CW	
Output power (mW)	> 1000, ..., 1500	
Power stability (rms, over 4 hours)	<5%, <3%, <1%	
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	
Beam divergence, full angle (mrad)	<1	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1, Horizontal(Vertical Optional)	
Beam height from base plate (mm)	68	
Cooled method	Water Cooled	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MGL-V-589-Water	PSU-W-LED	PSU-W-FDA	Water Chiller (WCH-580)
 <p>240 (L) × 110 (W) × 95 (H) mm<sup>3</sup>, 3.8 kg</p>	 <p>342.1 (L) × 168 (W) × 143.4 (H) mm<sup>3</sup>, 4.2 kg</p>	 <p>329.1 (L) × 168 (W) × 123 (H) mm<sup>3</sup>, 4.1 kg</p>	 <p>369.8 (L) × 258.4 (W) × 240.6 (H) mm<sup>3</sup>, 10.5 kg</p>