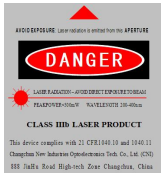
MLL-A-xxx series



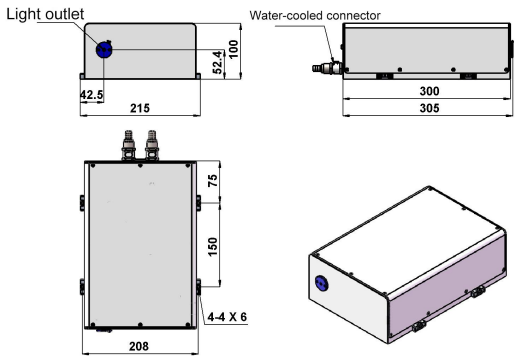
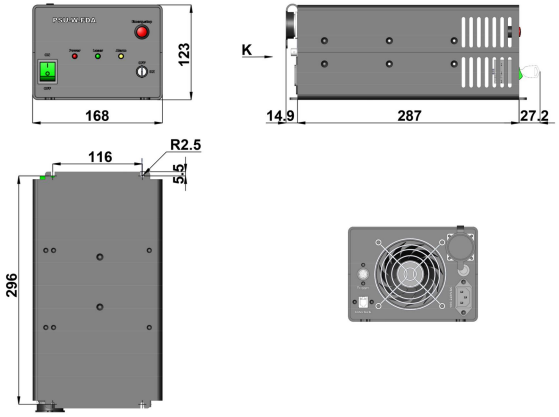
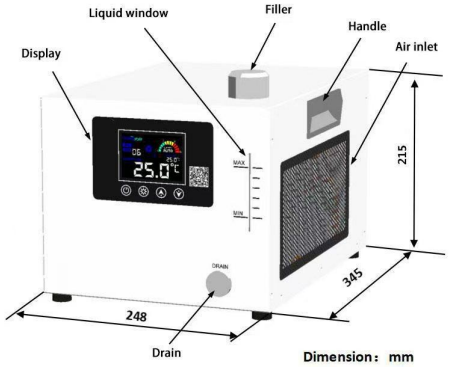


LD PUMPED ALL-SOLID-STATE LASER

All solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.

SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	CW
Output power (mW)[1]	10-50
Power stability (rms, 4 hours±3℃)	<3%, <2%, <1%
Spectral line width (nm)	<0.2, <0.003
Transverse mode	TEM_{00}
Noise of amplitude (rms, 1Hz-20MHz)	<1%
M^2	~3.0
Beam diameter at the aperture ($1/e^2$, mm)	<3.0
Beam divergence, full angle (mrad)	<3.0
Polarization ratio	>100:1 Horizontal (Vertical optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Cooled method (Water cooled)	WCH-580
Beam height from base plate (mm)	52.4
Operating Temperature (°C)	10-35
Modulation option	DC-1kHz; TTL and Analog optional
Power supply (100-240VAC)	PSU-W-FDA
Expected lifetime (hours)	>10000

LASER HEAD	POWER SUPPLY[2]	WATER CHILLER (WCH-580)
		
305(L)×215(W) ×100(H) mm³, 8.0 kg	**329.1(L) ×168(W) ×123(H) mm³, 4.1 kg**	**345 (L) ×248 (W) ×215(H) mm³, 10.5kg**

1 Any power level can be selected in this range.

2 Fixed output power.