

MLL-K-532 5~30W

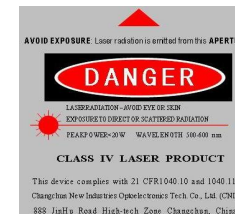


LOW NOISE GREEN LASER
AT 532nm

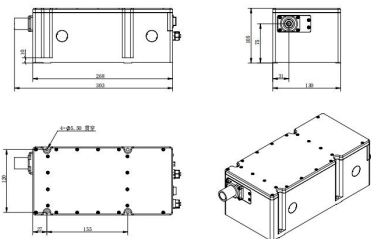
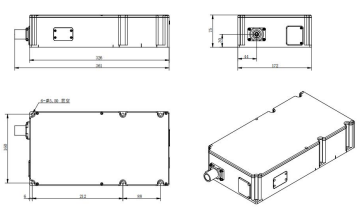
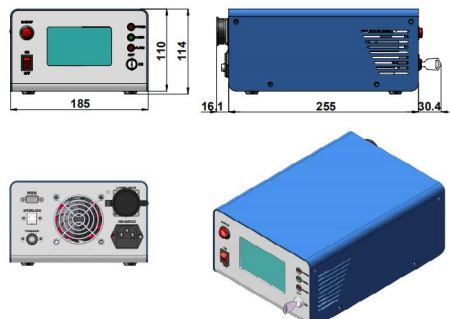
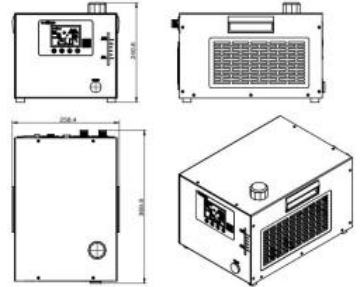
MLL-K DPSS laser for Ti:Sa pumping up to 30W, continuous output, TEM00 beam profile, high stabilized and extra low noise.

SPECIFICATIONS

Model	MLL-K-532-Water	MLL-K-532-OEM
Wavelength (nm)	532 ± 1	
Operating mode	CW	
Output power (W)	>5, ..., 15	>15, ..., 30
Power stability (rms, over 4 hours)	<0.5%, <0.3%	<0.5%
Transverse mode	TEM ₀₀	
Spectral linewidth (nm)	<0.1	
Noise of amplitude (rms, 1Hz~5MHz)	<0.1%	<0.3%
M ² factor	<1.1	
Beam divergence, full angle (mrad)	~1.0	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Warm-up time (minutes)	<10	
Polarization ratio	>50:1 (>100:1 optional), Horizontal (Vertical Optional)	
Beam height from base plate (mm)	75	30
Cooled method	Water Cooled	Conductive heat dissipation
Operating temperature (°C)	10~35	25
Power supply (100-240VAC)	PSU-W-LED	
Expected lifetime (hours)	10000	
Warranty period	1 year	



NOTE: The OEM-type laser must be mounted on a heat sink with good thermal performance.

MLL-K-532-Water	MLL-K-532-OEM	PSU-W-LED	Water Chiller (WCH-580)
			
303 (L) × 130 (W) × 105 (H) mm ³	361 (L) × 172 (W) × 75 (H) mm ³	301.5 (L) × 185 (W) × 114 (H) mm ³	369.8 (L) × 258.4 (W) × 240.6 (H) mm ³ , 10.5 kg