

## LD PUMPED ALL-SOLID-STATE LASER

All solid-state CW mode laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.

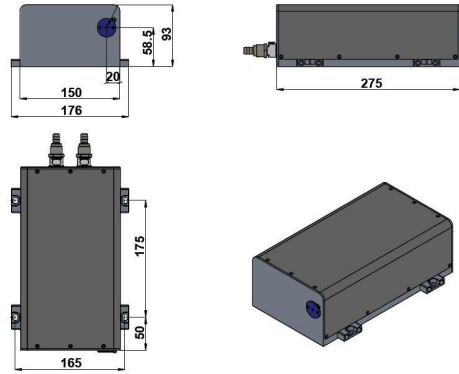


### SPECIFICATIONS

Part number	MGL-DP-522-B	MGL-DP-545-B
Central wavelength (nm)	522±1	545±1
Operating mode	CW	
Output power (mW)	1500-3000	100-500
Power stability (rms, over 4 hours)	<3%, <2%, <1%	
Transverse mode	TEM <sub>00</sub>	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	2.0	
Beam divergence, full angle (mrad)	<5.0	
Warm-up time (minutes)	<10	
Polarization Ratio	>100:1 Horizontal(Vertical Optional)	
Beam height from base plate (mm)	58.5	
Cooled method (Water Cooled)	WCH-580	
Operating temperature (°C)	10-35	
Power supply	PSU-W-LED/ PSU-W-FDA	
Warranty	1 year	

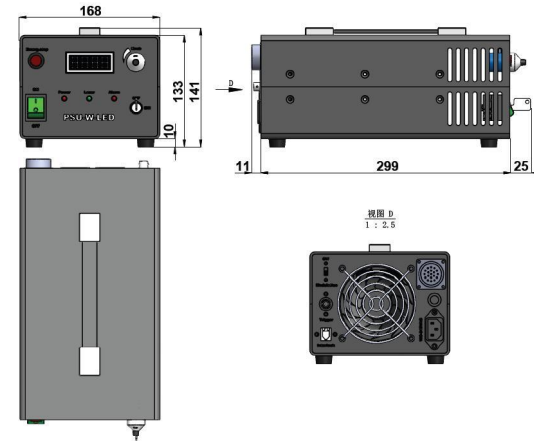
**Note:** The laser head must be used on a water cooling system.

### LASER HEAD



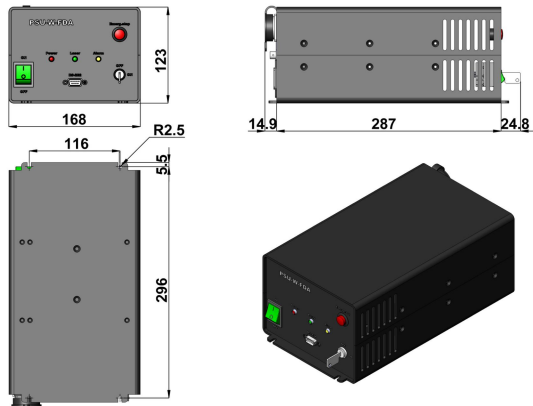
275(L)×176(W)×93(H) mm<sup>3</sup>

### POWER SUPPLY (PSU-W-LED)



335 (L) ×168(W) ×141(H) mm<sup>3</sup>, 4.0 kg

### POWER SUPPLY (PSU-W-FDA)



326.7 (L) ×168(W) ×123(H) mm<sup>3</sup>, 4.0 kg

### Water Chiller(WCH-580)



345 (L) ×248 (W) ×215(H) mm<sup>3</sup>, 10.5 kg