



MGL-D-532-C/45W-75W

LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Wavelength (nm)	532±1			
Operating mode	CW			
Output power (W)	45	55	65	75
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, <1%			
Transverse mode	TEM ₀₀			
M ²	<1.2			
Beam divergence, full angle (mrad)	<1.5			
Beam diameter at the aperture (1/e ² , mm)	~1.5			
Cooled method	Water cooled			
Warm-up time (minutes)	<10			
Beam height from base plate (mm)	98			
Operating temperature (°C)	10-35			
Operating voltage (VDC)	36V/13.9A			
Expected lifetime (hours)	>10000			



LASER HEAD (Driver Integrated)	POWER SUPPLY PSU-36 (100-240VAC) optional	POWER SUPPLY PSU-36-C ¹ (100-240VAC) optional	WATER CHILLER (5U03)
587(L)×241(W)×136(H) mm³	356(L)×150(W)×58(H) mm³, 3.5 kg	210 (L) ×150 (W) ×112.3 (H) mm³, 2.75 kg	613(L) ×482 (W) ×221.5(H) mm³, 28 kg

¹ Output power adjustable 10-100%.