

MGL-V-532/5~15W

LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of good beam profile, 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)	>5, 5.5, ..., 10	11, 12, ..., 15
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	<3.0
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	~3.0
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	93	
Polarization ratio	>100:1	
Cooled method	Air Cooled	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-Z-LED	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	

