## **Specification Sheet**

Ultralasers, Inc

MGL-III-532/1~300mW



All solid state 532nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.







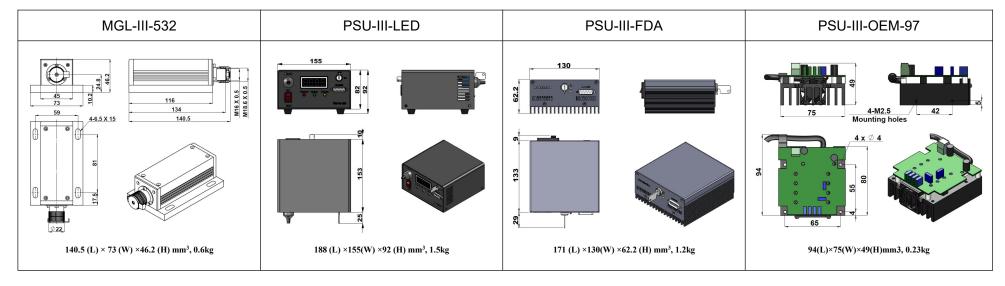


## SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20,,200	>200,, 300
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%
Transverse mode	$TEM_{00}$	
M <sup>2</sup> factor	<1.2(<1.1 optional)	
Beam diameter at the aperture 1/e <sup>2</sup> (mm)	~1.2	
Beam divergence, full angle (mrad)	<1.2	
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	24. 8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature ( $^{\circ}$ C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-LED/PSU-III-FDA/PSU-III-OEM-97	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
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Expected lifetime (hours)	10000	
Warranty	1 year	







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