**Opto Engine LLC** 

## MGL-FN-532/1~1500mW



## LD PUMPED ALL-SOLID-STATE **GREEN LASER AT 532nm**

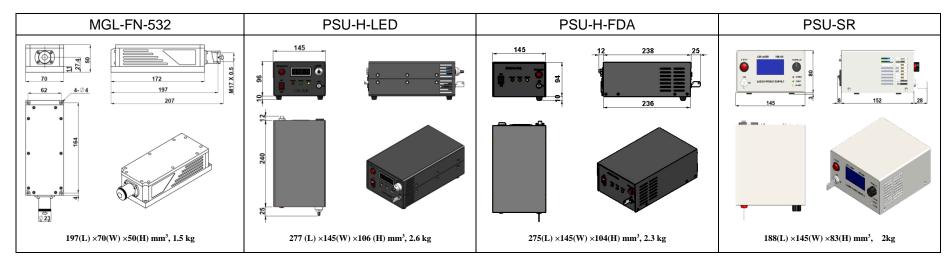
All solid state 532nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



## SPECIFICATIONS

Wavelength (nm)	532±1		7
Operating mode	CW		
Output power (mW)	>1, 5, 10, 20, , 1000	>1000, 1100,, 1500	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%	
Transverse mode	$\text{TEM}_{00}$		- Suller
M <sup>2</sup> factor	<1.2(<1.1 optional)	<1.2	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0		<b>*/गर</b>
Beam divergence, full angle (mrad)	<1.5		
Beam height from base plate (mm)	27.4		
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)		A
Warm-up time (minutes)	<10		AVOID EXPOSURE Laser radiation is emitted from this APERTURE
Pointing stability after warm-up (mrad)	<0.05		DANGER
Operating temperature ( $^{\circ}C$ )	10~35		
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR		LASER BADCATION - AVOID DIRECT EXPOSURE TO BEAM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		CLASS IV LASER PRODUCT
Expected lifetime (hours)	10000		This device complies with 21 CFR1040.10 and 1040.11 Changehun New Industries Optoelectronics Tech. Co., Ltd. (CNI)
Warranty	1 year		888 JinHu Road High-tech Zone Changehun, China





## **Data sheet**

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**Opto Engine LLC** 7397 Balboa Dr. Midvale, Utah 84047 USA Tel: (801) 553-2253 Email: info@OptoEngine.com Website: www.OptoEngine.com