

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

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



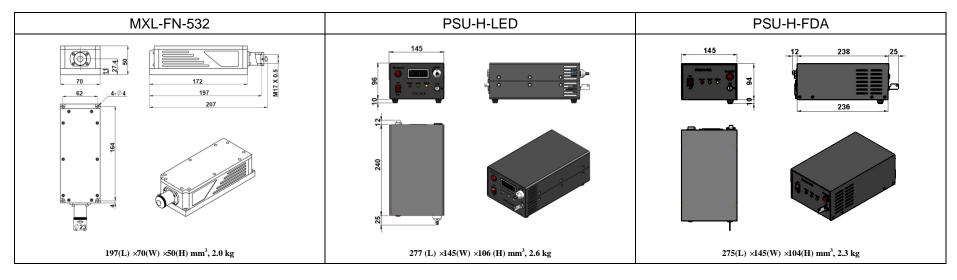
## LD PUMPED ALL-SOLID-STATE GREEN LASER AT 532nm

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.



Wavelength (nm)	532±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, , 1500	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	
Beam diameter at the aperture $(1/e^2, mm)$	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	AVOID EXPOSURE Laser radiation is emitted from this APERTURE
Warm-up time (minutes)	<10	DANGER
Pointing stability after warm-up (mrad)	<0.05	DANGER
Operating temperature (°C)	10~35	LASER BADLATION - AVOID DIFFECT EXPOSURE TO BEAM PEAKPOWER-10W WAVELENGTH 500-500km
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA	CLASS IV LASER PRODUCT
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	This device complies with 21 CFR1040.10 and 1040.11 Changehun New Industries Optoelectronics Terh. Co., Ltd. (CNI 888 JinHu Road High-tech Zone Changehun, China
Expected lifetime (hours)	10000	
Warranty	1 year	]

Note: The laser head needs to be used on a heat sink with good heat dissipation.



**SPECIFICATIONS** 

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