

新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co.Ltd.

DATA SHEET

MGL-FN-545/1~20mW



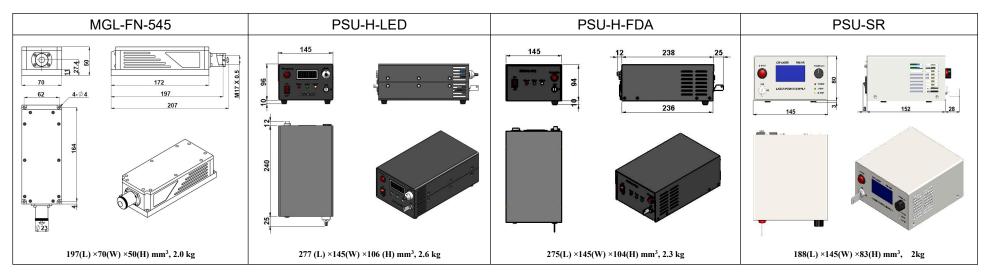
LD PUMPED ALL-SOLID-STATE **GREEN LASER AT 545nm**

All solid state 545nm 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)	545±1	
Operating mode	CW	
Output power (mW)	>1, 2,, 20	
Power stability (rms, over 4 hours)	<5%, <10%	
Transverse mode	Near TEM ₀₀	- July
M ² factor	<1.5	
Beam diameter at the aperture (1/e ² , mm)	~2.0	200 C
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	27.4	
Polarization ratio	>50:1 (Vertical Optional)	
Warm-up time (minutes)	<10	AVOID EXPOSURE: Loser radiation is emitted from this APERTU
Operating temperature (°C)	10~35	DANGER
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA PSU-SR	LASER RADIATION -AVOID DIRECT EXPOSURE TO BEAN PEAKPOWER-(INW WAVELENDTH SIG-MORE
Expected lifetime (hours)	10000	CLASS IV LASER PRODUCT
Warranty	1 year	This device complies with 21 CFR1040.10 and 1040 Changchun New Industries Optoelectronics Tech. Co., Ltd. (
Note: The laser head needs to be used on a heat sink with good heat dissination		888 JinHu Road High-tech Zone Changehun, C

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



SPECIFICATIONS