

MDL-SN-808/6-12W



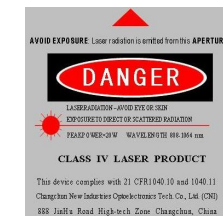
**INFRARED DIODE LASER AT
808nm**

Diode infrared laser module at 808nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.

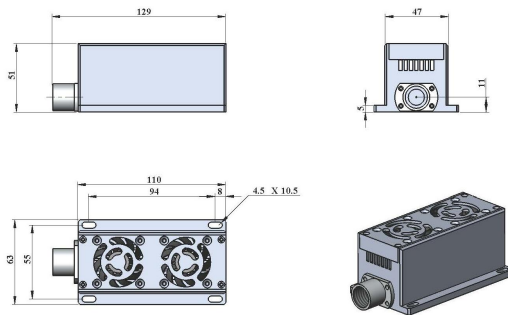


SPECIFICATIONS

Wavelength (nm)	808±3
Operating mode	CW
Output power (W) ¹	6-12
Power Stability (rms, 4 hours ± 3°C)	<2%, <1%, (<0.5% optional)
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~5×8
Beam divergence, full angle (mrad)	<3.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	11
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

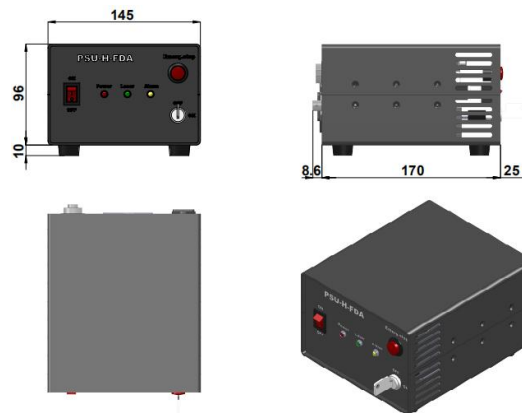


LASER HEAD



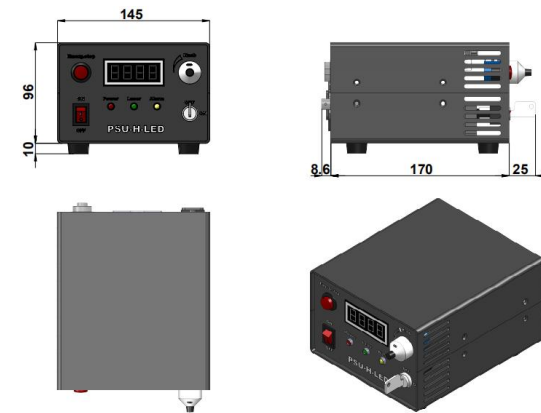
129 (L) × 63 (W) × 51 (H) mm³, 0.7 kg

POWER SUPPLY (PSU-H-FDA)



203.6 (L) × 145 (W) × 106 (H) mm³, 2.0 kg

POWER SUPPLY (PSU-H-LED)



203.6 (L) × 145 (W) × 106 (H) mm³, 2.0 kg

¹ Any power level can be selected in this range.

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