

MDL-N-980/6~10W



**INFRARED DIODE LASER AT  
980nm**

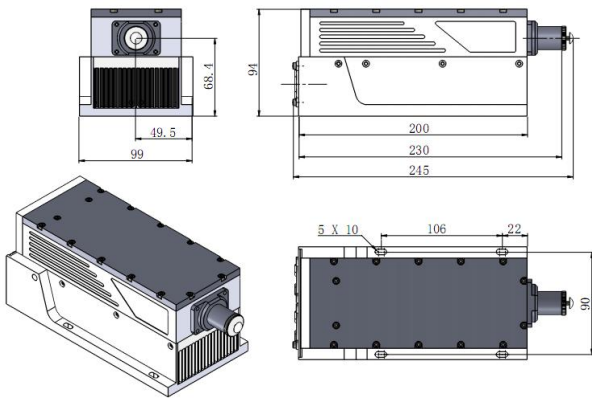
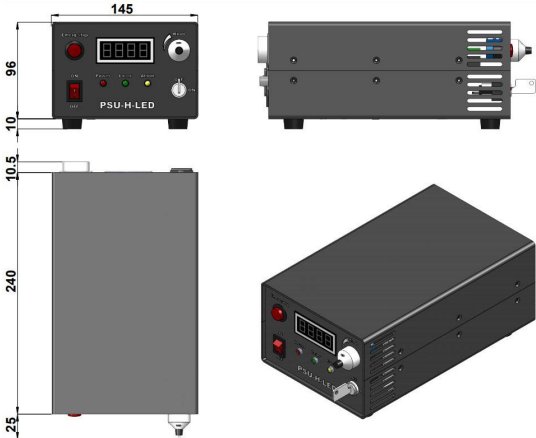
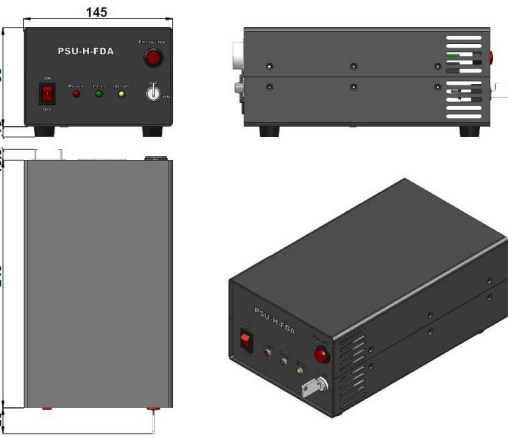
Diode infrared laser module at 980nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	980±5	
Operating mode	CW	
Output power (W)	>6, 6.5, 7, ... , 10	
Power stability (rms, over 4 hours)	<2%, <1%, <0.5%	
Transverse mode	Multimode	
M <sup>2</sup> factor	<20	
Beam divergence, full angle (mrad)	<3.0	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	5~8	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	68.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MDL-N-980	PSU-H-LED	PSU-H-FDA
 <p>245 (L) × 99 (W) × 94 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>275.5 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.5 kg</p>	 <p>275.5 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.5 kg</p>