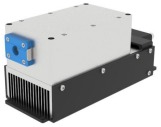
MDL-MD-380/1-1200mW



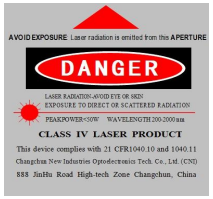
UV DIODE LASER AT 380nm

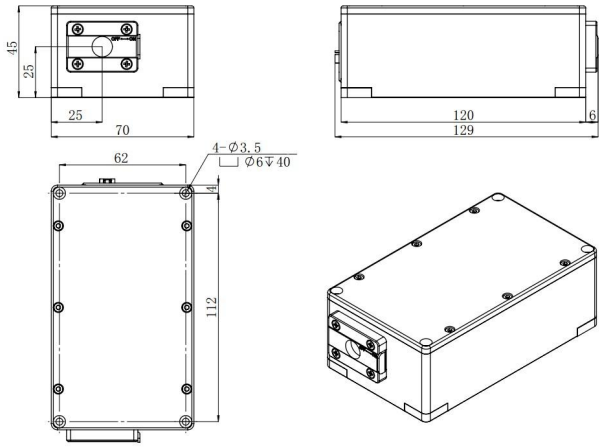
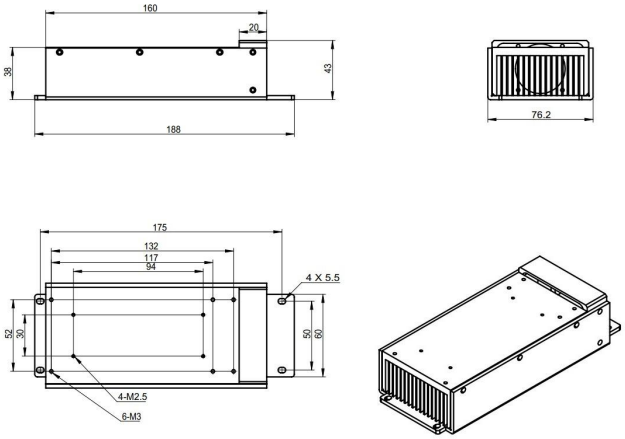
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, laser shows, biomedical applications, holography, metrology. etc.

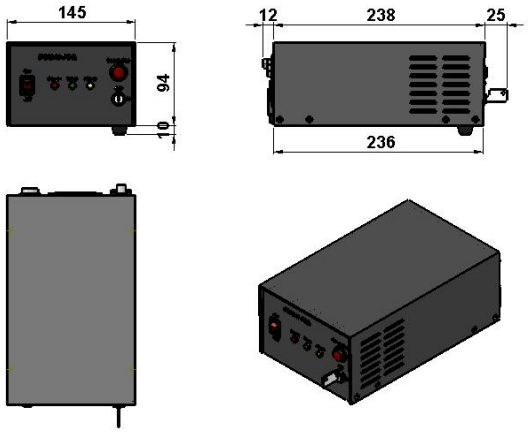
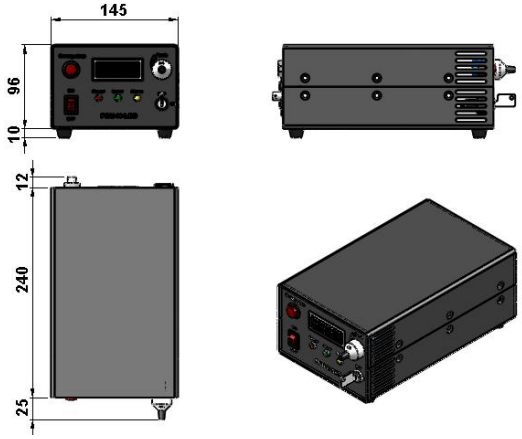
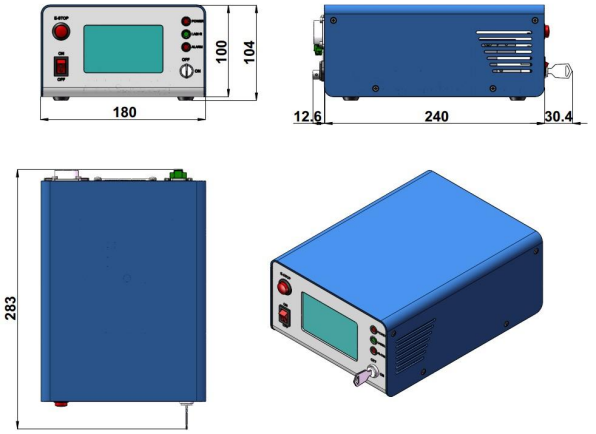
SPECIFICATIONS

Central wavelength (nm)	380±5
Operating mode	CW
Output power (mW)[1]	1-1200
Power stability (rms, 4 hours ± 3°C)	<2%, <1%, <0.5%
Transverse mode	Multimode
Polarization direction	Horizontal
Beam diameter at the aperture (mm)	~6.0×4.0
Beam divergence, full angle (mrad)	~4.0×1.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25
Operating temperature (°C)	25±3
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED/PSU-N-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000





LASER HEAD[2]	HEATSINK (TC-04)
	
129 (L) ×70 (W) ×45 (H) mm³, 0.7kg	**188 (L) ×76.2 (W) ×43 (H) mm³, 0.65kg**

POWER SUPPLY (PSU-H-FDA)[3]	POWER SUPPLY (PSU-H-LED)[4]	POWER SUPPLY (PSU-N-LED)[4]
		
275 (L) ×145 (W) ×104 (H) mm³, 2.1kg	277 (L) ×145 (W) ×106 (H) mm³, 2.3kg	283 (L) ×180 (W) ×104 (H) mm³, 2.5kg

1 Any power level can be selected in this range.

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

3 Fixed output power; Modulation up to 30kHz.

4 Output power adjustable 10-100%; RS232 control optional; Modulation up to 30kHz.