

OEM-D-454/7-8W



OEM BLUE DIODE LASER  
AT 454nm

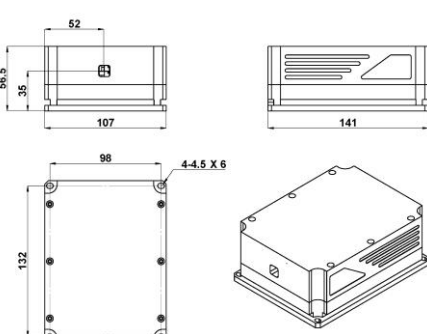
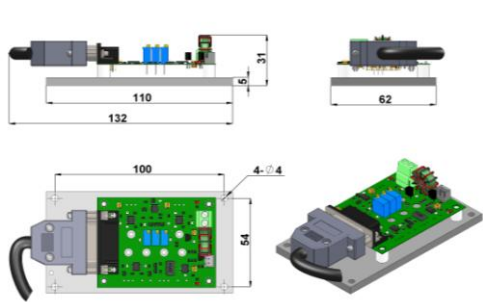
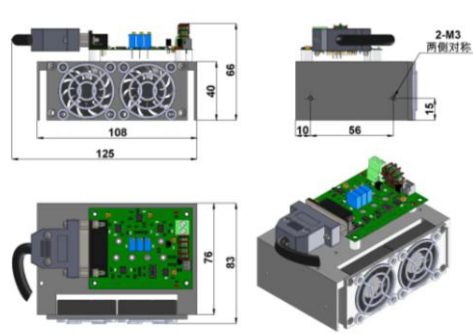
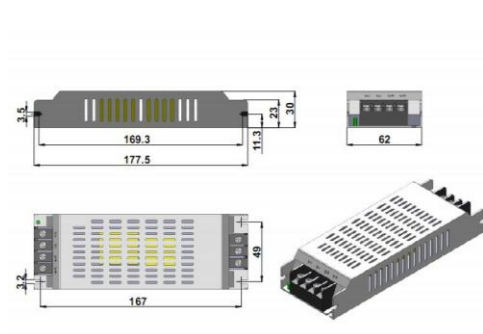
OEM blue diode laser at 454nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

Wavelength (nm)	454±5
Operating mode	CW
Output power (mW)	>7000, 8000
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.2×3.2
Beam divergence, full angle (mrad)	~1.4×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (°C)	25+/-3
Driver (12VDC 15A)	PSU-6R-OEM/ PSU-6R-OEM-H
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-D-454	PSU-6R-OEM	PSU-6R-OEM-H	Accessory (Power supply 100-240VAC)
 <p>141(L)×107(W)×56.5(H)mm<sup>3</sup>, 2.2kg</p>	 <p>110(L)×62(W)×31(H) mm<sup>3</sup>, 0.2kg</p>	 <p>108(L)×83(W)×66(H) mm<sup>3</sup>, 0.5kg</p>	 <p>177.5(L)×62(W)×30(H) mm<sup>3</sup>, 0.5 kg</p>