

OEM-F-532/1-2000mW

**LD PUMPED ALL-SOLID-STATE
OEM GREEN LASER**

All solid state 532 nm OEM green laser is made features of high stability, ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.


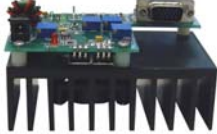


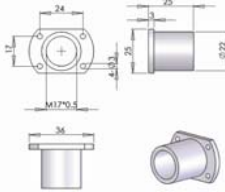
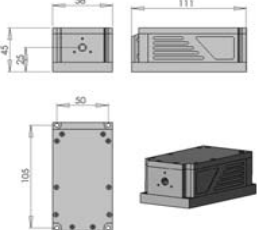
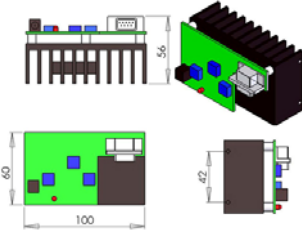
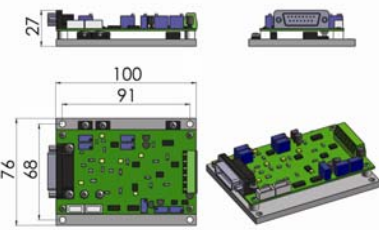
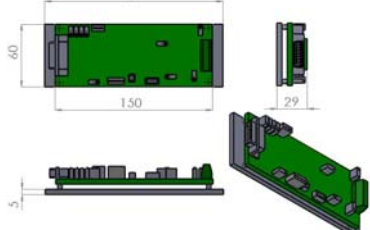



SPECIFICATIONS

Wavelength (nm)	532±1		
Output power (mW)	>1, 5, 10, 100, ..., 450	500, 550, ..., 1400	1500, ..., 2000
Transverse mode	TEM ₀₀	Near TEM ₀₀	
Operating mode	CW		
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%	<3%, <5%, 10%	
Warm-up time (minutes)	<10		
M ² factor	<1.2	<1.2	<3.0
Beam divergence, full angle (mrad)	<15		
Beam diameter at the aperture (mm)	<1.0		
Beam height from base plate (mm)	25		
Operating temperature (°C)	25±/-2		
Operating current of Diode (A)	0-2.5	0-5.5	
Operating voltage of Diode (V)	~2.0		
Pins information	11, 12: positive of diode; 1, 2: negative of diode	5,6,7,8: positive of diode; 12,13,14,15: negative of diode	
Power supply (optional)	PSU-III-OEM (5VDC)	PSU-OEM-F (two channels 6 & 10V)	PSU-OEM-N (two channels 6 & 10V)
TTL modulation/ Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	5000		
Warranty time	The warranty is 3 months, excluding the LD failure.		



Note: The power supply needs to be with the over current protection function.

OEM-F-532	PSU-III-OEM (1-450mW)	PSU-OEM-F(1-2000mW)	PSU-OEM-N (500-1200mW)	Accessories
 111(L)×58(W) ×45(H) mm ³ , 0.74kg	 100 (L) ×60(W) ×56 (H) mm ³ , 0.2kg	 100(L)×76(W) ×27(H) mm ³ , 0.10 kg	 170(L)×60(W) ×29(H) mm ³ , 0.15 kg	 Collimation system
				 V1: DC 6V 8A V2: DC 10V 8A