

OEM-H-532/1-800mW

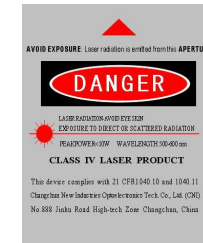
LD PUMPED ALL-SOLID-STATE GREEN LASER

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


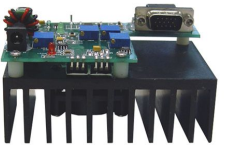





SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>1, 5, 10, 100, ..., 500	500, 550, ..., 800
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<3%, <5%, <10%	
Warm-up time (minutes)	<5	
M ² factor	<1.5	
Beam divergence, full angle (mrad)	1	
Beam diameter at the aperture (mm)	3	
Beam height from base plate (mm)	20	
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	7/8: positive of diode; 3: 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 & 12V)
Modulation option	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-H-532	PSU-III-OEM (1-500mW)	Adapter	PSU-OEM-F (1-800mW)	Adapter
 120(L)×32(W) ×31(H) mm ³ , 0.245 kg	 100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg	 120(L)×60(W) ×37(H) mm ³ DC: 5V 5A	 100(L)×76(W) ×27(H) mm ³ , 0.10 kg	 112(L)×86.5(W) ×34(H) mm ³ , 0.2kg DC: V1: 5V7A V2: 10.5V5A
