

PGL-H-532/1~800mW

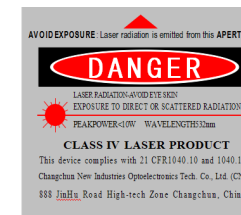
**HIGH POWER GREEN LASER  
MODULE AT 532nm**

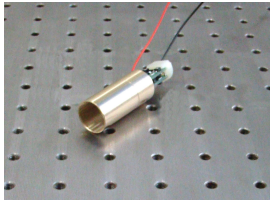
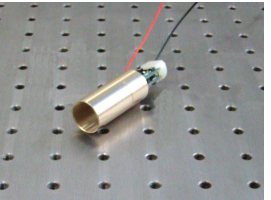
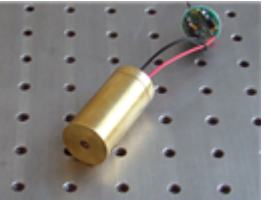

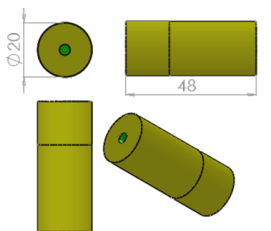
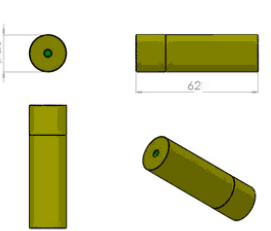
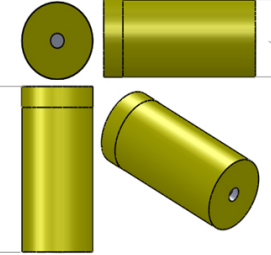
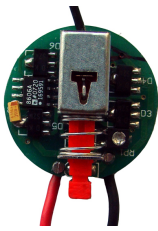
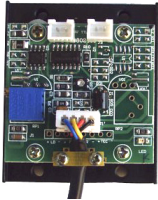
PGL-H high power green laser module at 532nm is made features of small size, high output power, long lifetime, which made it widely used in collimation, laser medical treatment, scientific experiment, optical instrument and so on.



SPECIFICATIONS

Wavelength (nm)	532±1		
Operating mode	CW		
Output power (mW)	>1, 10, 15, ... 200	200, ..... 800	>600,.....800
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up		
	<20%, over operating temperature range		
Transverse mode	TEM <sub>00</sub>		
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	~2.0	~0.2
Beam divergence, full angle (mrad)	<1.5	<1.5	<15
Operating temperature (°C)	15~30		
Power supply	DC 3V PCB	DC 3V /5V PCB	
TTL modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request		
Expected lifetime (hours)	10000		
Warranty	6 months		



PGL-H-532			PC Board	
				
Φ20×48(L) mm <sup>2</sup> , 0.2 kg (1-50mW)	Φ20×62(L) mm <sup>2</sup> , 0.3 kg (50-800mW)	Φ26×55.5(L) mm <sup>2</sup> , 0.3 kg (600-800mW)	14×18×6(H) mm <sup>3</sup>	
				
			DC 3VPCB	DC 5VPCB
			Φ26×15(H) mm <sup>3</sup>	56×47×30(H) mm <sup>3</sup>

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