

# Opto Engine LLC

## Data sheet

Rev. 1505

PGL-H-532/1~800mW

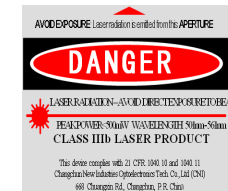
### HIGH POWER GREEN LASER MODULE AT 532nm

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

Model	PGL-H-532		
Wavelength (nm)	532±1		
Output power (mW)	>1, 10, 15, ... 200	200, .....800	>600,.....800
Transverse mode	TEM <sub>00</sub>		
Operating mode	CW		
Beam divergence, full angle (mrad)	<1.5	<1.5	<15
Beam diameter at the aperture (mm)	~2	~2	~0.2
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up		
	<20% , over operating temperature range		
Warm-up time (minutes)	<10		
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)	5000		
Warranty	6 months		



PGL-H-532			PC Board	
Φ20×48(L) mm <sup>3</sup> , 0.2 kg (1-200mW)	Φ20×62(L) mm <sup>3</sup> , 0.3 kg (200-800mW)	Φ26×55.5(L) mm <sup>3</sup> , 0.3 kg (600-800mW)	14×18×6(H) mm <sup>3</sup>	
			Φ26×15(H) mm <sup>3</sup>	56×47×30(H) mm <sup>3</sup>