

PGL-H-808/1~1500mW

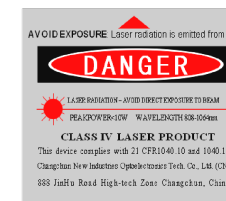
### HIGH POWER INFRARED LASER MODULE AT 808nm

Diode infrared laser module at 808nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



#### SPECIFICATIONS

Wavelength (nm)	808±3	
Operating mode	CW	
Output power (mW)	>1,5, 10, ..., 1500	
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up	
	<20% , over operating temperature range	
Transverse mode	TE <sub>00</sub>	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~6.0	
Beam divergence, full angle (mrad)	<5.0	
Operating temperature (°C)	15~30	
Power supply	DC 3V PCB	DC 5V PCB
	TTL modulation	
Expected lifetime (hours)	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request	
Warranty	5000	
	6 months	



PGL-H-808	Dimensions	DC 3VPCB		DC 5VPCB
<p>Φ20×62(L) mm<sup>2</sup>, 0.075 kg</p>		<p>14×18×6(H) mm<sup>3</sup></p>	<p>Φ26×15(H) mm<sup>3</sup></p>	<p>56×47×30(H) mm<sup>3</sup></p>