



中国长春新产业光电技术有限公司  
Changchun New Industries Optoelectronics Tech. Co., Ltd

## PGL-VI-1060



Diode infrared laser module at 1064nm is made features of wide range temperature operating (without TEC), high reliability, and low cost, which made it be used widely in collimation, laser medical treatment, scientific experiment and optical instrument. etc.

### SYSTEM SPECIFICATIONS\*

Wavelength	nm	1060
Wavelength tolerance	nm	±10
Output power	mW	1-100
Operating mode		CW
Transverse mode		NearTEM <sub>00</sub>
Beam diameter at the aperture(1/e <sup>2</sup> )	mm	~4.5
Beam divergence, full angle	mrاد	<1
Expected lifetime	hours	10000
Warranty	years	1

### ELECTRICAL SPECIFICATIONS

Operating voltage(internal PCB)	5VDC(TTL30kHz and Analog0-3V,0-5V, optional)
Connection	Cable with flying leads

### ENVIRONMENTAL CONDITIONS

Operating temperature	10°C to 35°C
Storage temperature	-20°C to 80°C
Humidity	< 90 %, non-condensing
Dissipated heat	< 2W

### MECHANICAL SPECIFICATIONS

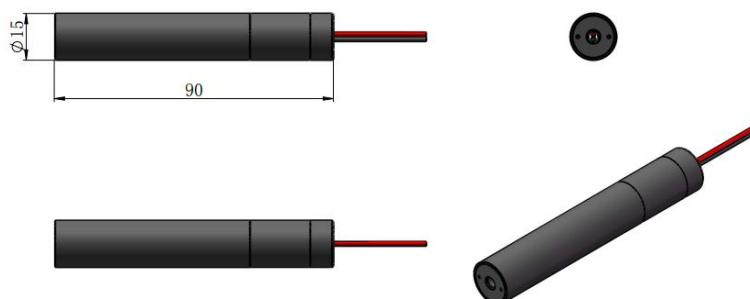
Dimensions of internal PCB1	mm <sup>2</sup>	Φ15×90
Material		Aluminum
Shell polarity		The housing is isolated.

\*All testing data under the conditions of temperature 25°C.



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Dimensions of laser (Internal PCB,  $\Phi 15 \times 90 \text{mm}^2$ , 5VDC, TTL and Analog)



#### AD-5V 5A POWER ADAPTER

Input	85-264VAC 47/63Hz
Output	DC 5V 5A

Dimensions of power adapter (mm):

