

## PGL-VI-532



PGL-VI-532 is made features of wide temperature operating (without TEC), high reliability, and low cost, which made it be used widely in orientation, alignment and measurement, etc.

### SYSTEM SPECIFICATIONS\*

Wavelength	nm	532
Wavelength tolerance	nm	±1
Output power	mW	1-80
Operating mode		CW
Transverse mode		TEM <sub>00</sub>
Beam diameter at the aperture(1/e <sup>2</sup> )	mm	~1.5
Beam divergence, full angle	mrad	<1.5
Expected lifetime	hours	10000
Warranty	years	1

*Smaller size S-GDL module is available.*

### ELECTRICAL SPECIFICATIONS

Operating voltage(internal PCB)	3VDC
Operating voltage(external PCB1)	3VDC
Operating voltage(external PCB2)	5VDC
Connection	Cable with flying leads

### ENVIRONMENTAL CONDITIONS

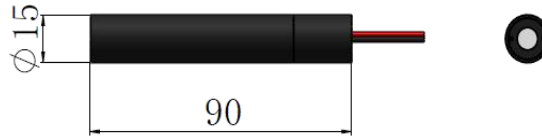
Operating temperature	10°C to 35°C
Storage temperature	-20°C to 80°C
Humidity	<90%, non-condensing
Dissipated heat	<3W

### MECHANICAL SPECIFICATIONS

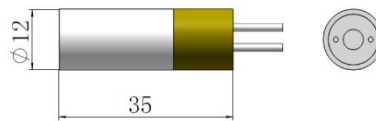
Dimensions of PGL-VI-532	Φ15×90mm <sup>2</sup>
Dimensions of PGL-VI-1-532	Φ12×35mm <sup>2</sup>
Dimensions of PGL-VI-2-532	Φ12×32mm <sup>2</sup>
Material	Aluminum/Copper
Shell polarity	The housing of PGL-VI-532 is isolated; PGL-VI-1-532 and PGL-VI-2-532 has a positive electrode.

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

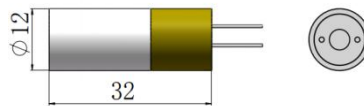
Dimensions of PGL-VI-532(Internal PCB,  $\Phi 15 \times 90 \text{mm}^2$ , 3VDC)



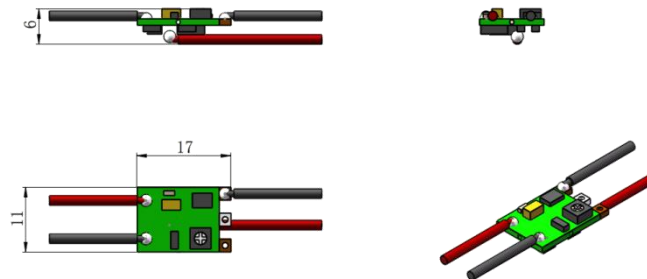
Dimensions of laser (external PCB, PGL-VI-1-532 < 80mW,  $\Phi 12 \times 35 \text{mm}^2$ )



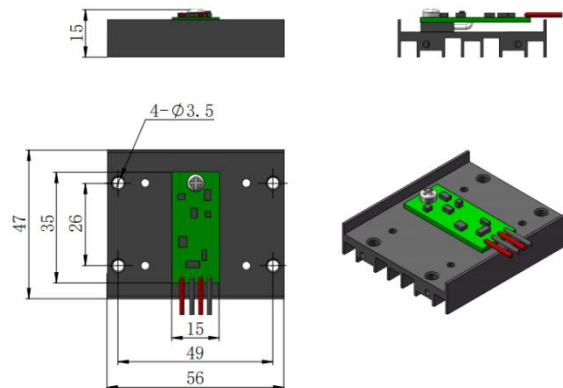
Dimensions of laser (external PCB, PGL-VI-2-532 < 15mW,  $\Phi 12 \times 32 \text{mm}^2$ )



Dimensions of external PCB1 ( $11 \times 17 \text{mm}^2$ , 3VDC)



Dimensions of external PCB2 ( $15 \times 35 \text{mm}^2$ , 5VDC)





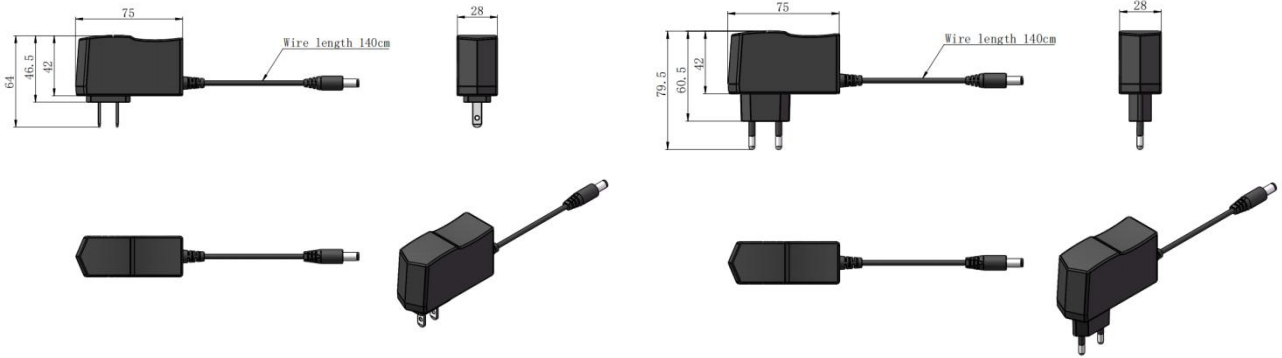
中国长春新产业光电技术有限公司  
Changchun New Industries Optoelectronics Tech. Co., Ltd

### AD-3V 1A POWER ADAPTER

Input 100-240VAC 50-60Hz

Output DC 3V 1A

Dimensions of power adapter (mm):



### AD-5V 5A POWER ADAPTER

Input 85-264VAC 47/63Hz

Output DC 5V 5A

Dimensions of power adapter (mm):

