



PGL-V-H-980/1~500mW

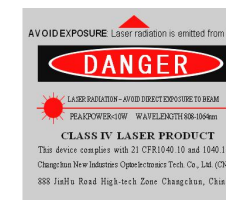
## HIGH POWER INFRARED LASER MODULE AT 980nm

Diode infrared laser module at 980nm 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)	980±10
Operating mode	CW
Output power (mW)	>1,5, 10, ..., 500
Transverse mode	Multimode
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~6.0
Beam divergence, full angle (mrad)	<15.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	15
Operating temperature (°C)	15~30
Power supply	PSU-V-OEM (90-264VAC)
	PSU-I-OEM (5/12VDC)
TTL/Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year



PGL-V-H-980	Dimensions	PSU-V-OEM	PSU-I-OEM
<p>97 (L) × 40(W) × 40(H) mm<sup>3</sup>, 0.2 kg</p>		<p>105 (L) × 47(W) × 38(H) mm<sup>3</sup>, 0.2 kg</p>	<p>110 (L) × 70(W) × 47(H) mm<sup>3</sup>, 0.3 kg</p>