

**PGL-V-H-655/1~1000mW**

### RED DIODE LASER MODULE AT 655 nm


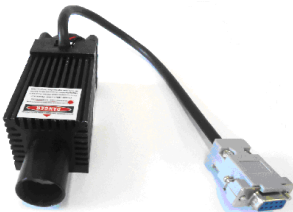

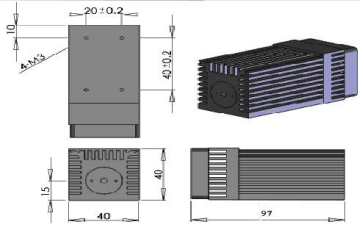
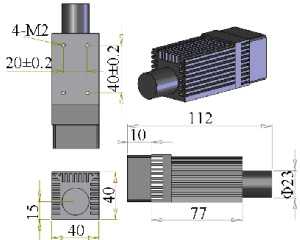
Diode laser module at 655 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser pointing, show and light applications.



#### SPECIFICATIONS

Wavelength (nm)	655±10	
Output power (mW)	>1, 100, 200, ... , 1000	
Transverse mode	Near TE <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<2.5	<4
Dimensions of beam at the aperture (mm)	~5×8	~4×6
Beam height from base plate (mm)	15	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-I-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty period	1 year	



PGL-V-H-655		PSU-I-OEM
 <p data-bbox="369 1114 674 1141"><b>97 (L) ×40(W) ×40(H) mm<sup>3</sup>, 0.2 kg</b></p>	 <p data-bbox="992 1114 1305 1141"><b>112 (L) ×40(W) ×40(H) mm<sup>3</sup>, 0.2 kg</b></p>	 <p data-bbox="1579 1114 1892 1141"><b>105 (L) ×47(W) ×38(H) mm<sup>3</sup>, 0.2 kg</b></p>
 <p data-bbox="342 1409 701 1433"><b>Aperture:5×8mm, Divergence:2.5mrad</b></p>	 <p data-bbox="985 1409 1317 1433"><b>Aperture:4×6mm,Divergence:4mrad</b></p>	