

PGL-V-H-635/1~800mW

RED DIODE LASER MODULE AT 635 nm


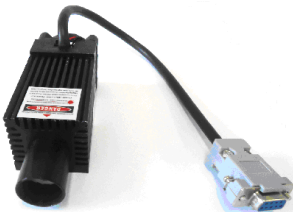

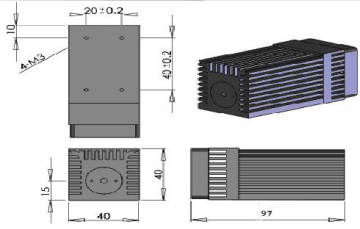
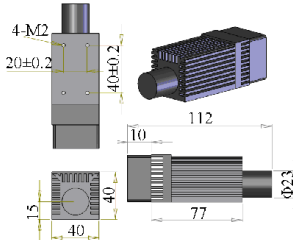
Diode laser module at 635 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser pointing, show and light applications.



SPECIFICATIONS

Wavelength (nm)	635±5	
Output power (mW)	>1, 50, 100, ... , 800	
Transverse mode	Near TE ₀₀	
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-635		PSU-I-OEM
 <p data-bbox="369 1114 674 1141">97 (L) ×40(W) ×40(H) mm³, 0.2 kg</p>	 <p data-bbox="996 1114 1301 1141">112 (L) ×40(W) ×40(H) mm³, 0.2 kg</p>	 <p data-bbox="1579 1114 1883 1141">105 (L) ×47(W) ×38(H) mm³, 0.2 kg</p>
 <p data-bbox="347 1409 705 1433">Aperture:5×8mm, Divergence:2.5mrad</p>	 <p data-bbox="996 1409 1301 1433">Aperture:4×6mm,Divergence:4mrad</p>	