

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

**RED DIODE LASER MODULE
AT 635 nm**

Diode laser module at 635 nm is made 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
Operating mode	CW
Output power (mW)	>1, 50, 100, ... , 800
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Near TE ₀₀
Beam diameter at the aperture (1/e ² , mm)	~4.0×6.0
Beam divergence, full angle (mrad)	<4.0
Warm-up time (minutes)	<10
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
TTL/Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year

