



## G4 DIODE PUMPED SOLID STATE LASER



Model Name	G4-60	G4 100	G4 150	G4 200	G4 250
Wavelength	532nm				
Output Power	60mW	100mW	150mW	200mW	250mW
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> < 1.1				
Longitudinal Mode	Single Longitudinal Mode (slm)				
Power Stability	< +/- 2 % over 8 hours				
Noise	< 0.5 % RMS (typ 0.2%)				
Beam Diameter	~ 1mm at output aperture				
Beam Divergence	< 1mRad				
Polarization	> 100:1, Vertical				
Operating temp. range	10-35 deg C				
Laser Head Size	126mm long x 64mm x 51mm				
Power supply (OEM)	123mm wide x 112mm deep x 85mm high (inc heatsink)				
Control	Fixed power operation				
Cooling	Head: convection through base, 12 W. PSU: Convective air cooled				
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 40W			100 - 240 VAC, 50 / 60 Hz Max 60W	
Expected lifetime	> 10,000 hours				

**VISIBLE LASER RADIATION**  
**AVOID EYE OR SKIN EXPOSURE TO**  
**DIRECT OR SCATTERED RADIATION**  
**CLASS 3B LASER PRODUCT**  
 MAX OUTPUT: 450 mW  
 PULSE DURATION: CW  
 WAVELENGTH: 532 nm

