



## CW-DPSS Laser GL-V-Series

The GL-VM-Series is available in two output power versions at 10 and 20 mWatts. The beam characteristics are suitable for OEM- applications with uncritical stability parameters.

With these systems, modulation up to 10 KHz is possible. For applications like laser light shows, thus external blanking is not needed since the output beam can be controlled directly.  
 The lasers are provided with powersupply for 5 VDC or 110/ 220 VAC input.

Laser	GLV-10	GLV-20
Wavelength	532 nm	
Output power	10 mW	20 mW
Operating mode	CW	
Transversal mode structure	TEM00	
Spektral composition	multi mode	
Beam diameter	1.0 mm	
Divergence	< 1 mRad	1.6 - 2.2 mRad
Pointing stability	0.2 mRad/ hr.	
Polarisation	50 : 1	
Power stability	< 30%/ hr.	
Modulation option	up to 10 KHz	
Warm up time	<10 min.	
Operating temperature	+ 20° - + 30° C	
Warranted lifetime	>3000 hrs.	
Average lifetime	>5000 hrs.	
Laser head dimensions	60 x 30 x 30 mm	
Power supply dimensions	(90 x 47 x 35 mm) 15 x 35 x 12 mm	
Mains supply	(220 VAC, 110 VAC) 5 VDC	
Power consumption	20 VA	

GL-V

