



Pulsed-DPSS Laser GLM-P-Series

The GLM-P series is providing average powers of 15 and 30mWatts in the green spectrum at 532 nm. Due to the frequency doubling, pulsewidths attainable are broader compared to systems lasing at the basic IR-laserline. Model depending the duration of pulses are ranging between 40 ns and 60 ns. The pulse repetition is rated at 10 KHz for the 15 mW average power system and 50 KHz for the 30 mW version. The factory calibrated power supply is provided with the system.

Laser	GLM-P-15	GLM-P-30
Wavelength	532 nm	
Average output power	15 mW	30 mW
Peak Power	20 W	5 W
Pulse width	< 40 ns	< 60 ns
Operating mode	Q-switched	
Transversal mode structure	TEM00	
M ²	< 1.5	
Beam diameter	< 1 mm	
Divergence	< 3 mRad	
Pointing stability	20 mRad/ hr.	
Polarisation	100 : 1	
Power stability	< 20%/ p-p	
Repetition rate	10 KHz	50 KHz
Operating temperature	+ 20° - + 35° C	
Warranted lifetime	>3000 hrs.	
Average lifetime	>5000 hrs.	
Laser head dimensions	180,8 × 73 × 46,2 mm	
Power supply dimensions	206 × 137 × 75 mm	
Mains supply	100/ 240 VAC	
Power consumption	55 VA	

