# MMG Specifications

### (Mechanical specifications)

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|---|---|
| Weight with bracket and power supply: | 450 grams |
| Length ( without driver ): | 7.62 cm |
| Diameter ( without driver ): | 1.91 cm |
| Housing and driver material: | Aluminium |
| Bracket material ( MBN03 ): | Aluminium and stainless |

### (Optical specifications)

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|---|---|
| Output power: | 1, 5 and 10 mW |
| Wavelength: | 532 nm |
| Intensity distribution: | Non-gaussian |
| Fan angles: | 20, 60° or 90° |
| Bore sighting: | <1 mrad |

### (Environmental specifications)

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|---|---|
| Operating temperature: | 50°F to 95°F / 10°C to 35°C **Maximum** (**Protect the casing of the laser against sunrays)** |
| Over and under temperature protection: | Integrated automatic system |
| Wavelength drift: | 0.25nm / °C typical |
| Warm up time: | 10 minutes |
| Automatic shut off after 9 hours: | Integrated automatic system |

### (Electrical specifications)

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|---|---|
| Primary voltage: | 120 VAC 60hz wall mount |

### (Other specifications)

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|---|---|
| Warranty: | Lifetime warranty on casing and mounting bracket<br>24 months warranty on electronic components |

## Optional

9 to 24 Vdc, 220 to 550V or with special connector for OEM applications

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**Laser and eyes safety**

Laser products manufactured by FP Industries comply with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.
CAUTION – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
Always use caution when working with or around lasers and wear appropriate eye protection.
All of our products fall into one of the following classes:

**Class II – Caution**


**Class IIIa – Danger**