

**MGL-V-532/5000~18000mW**

### LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of good beam profile, ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



#### SPECIFICATIONS

|                                     |  |                    |                    |
|-------------------------------------|--|--------------------|--------------------|
| Wavelength (nm)                     | 532±1  |                    |                    |
| Output power (mW)                   | >5000, 5500, ..., 10000                              | >10000, ..., 15000 | >15000, ..., 18000 |
| Transverse mode                     | TEM <sub>00</sub>                                    |                    |                    |
| Operating mode                      | CW   |                    |                    |
| Power stability (rms, over 4 hours) | <1%, <3%, <5%  |                    |                    |
| Warm-up time (minutes)              | <10  |                    |                    |
| M <sup>2</sup> factor               | <1.2   | <3.0               | <5.0               |
| Beam divergence, full angle (mrad)  | <1.5   |                    |                    |
| Beam diameter at the aperture (mm)  | ~2.5   | ~3.0               | ~4.0               |
| Beam height from base plate (mm)    | 113  |                    |                    |
| Polarization ratio                  | >50:1  |                    |                    |
| Operating temperature (°C)          | 10~35  |                    |                    |
| Power supply (90-264VAC)            | PSU-Z-LED  |                    |                    |
| TTL modulation/ Analog modulation   | Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request |                    |                    |
| Expected lifetime (hours)           | 10000  |                    |                    |
| Warranty period                     | 1 year   |                    |                    |



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| <p style="text-align: center;"><b>MxL-V-532</b></p>  <p style="text-align: center;"><b>420(L)×142(W) ×144(H) mm<sup>3</sup>, 10.2 kg</b></p> | <p style="text-align: center;"><b>PSU-Z-LED</b></p>  <p style="text-align: center;"><b>320 (L) ×300(W) ×123(H) mm<sup>3</sup>, 5.2 kg</b></p> |
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