

MGL-FN-555/1~100mW



**LD PUMPED ALL-SOLID-STATE  
YELLOW GREEN LASER**

DPSS yellow green laser at 555nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, medical treatment, scientific research, etc.



SPECIFICATIONS

|                                     |                        |
|-------------------------------------|------------------------|
| Wavelength (nm)                     | 555 ± 1                |
| Operating mode                      | CW                     |
| Output power (mW)                   | >10,50,.....100        |
| Transverse mode                     | Near TEM <sub>00</sub> |
| Power stability (rms, over 4 hours) | <3%, <5%               |
| Beam divergence, full angle (mrad)  | <2                     |
| Beam diameter at the aperture (mm)  | ~2                     |
| Beam height from base plate (mm)    | 27.4                   |
| Polarization ratio                  | >100:1                 |
| Warm-up time (minutes)              | <10                    |
| Operating temperature (°C)          | 10~35                  |
| Power supply (90-264VAC)            | PSU-H-LED/PSU-SR       |
| Expected lifetime (hours)           | 10000                  |
| Warranty period                     | 1 year                 |



| MGL-FN-555                                       | PSU-H-LED  | PSU-SR   |
|--|--|--|
| <p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.36kg</p> | <p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p> | <p>188(L) ×145(W) ×83(H) mm<sup>3</sup>, 1.2kg</p> |