

MGL-FN-550/1~200mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

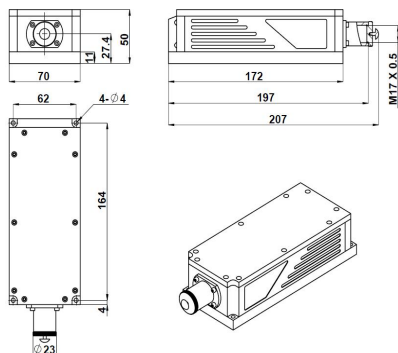

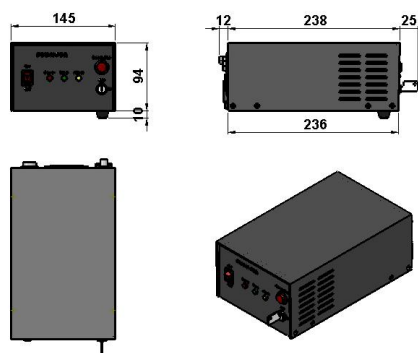
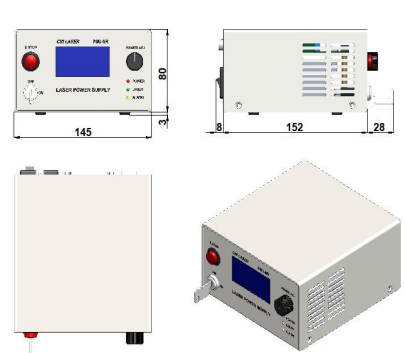
DPSS green laser at 550nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, medical treatment, scientific research, optogenetics, etc.



SPECIFICATIONS

| | |
|---|---|
| Wavelength (nm) | 550±1 |
| Operating mode | CW |
| Output power (mW) | >1, 5, 10, 20, ..., 200 |
| Power stability (rms, over 4 hours) | <3%, <5% |
| Transverse mode | TEM ₀₀ |
| M ² factor | <1.5 |
| Beam diameter at the aperture (1/e ² , mm) | ~2.0 |
| Beam divergence, full angle (mrad) | <1.5 |
| Beam height from base plate (mm) | 27.4 |
| Polarization ratio | >100:1 |
| Warm-up time (minutes) | <10 |
| Pointing stability after warm-up (mrad) | <0.05 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-LED/PSU-H-FDA/PSU-SR |
| Modulation option | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option |
| Expected lifetime (hours) | 10000 |
| Warranty period | 1 year |



| MGL-FN-550 | PSU-H-LED | PSU-H-FDA | PSU-SR |
|--|--|---|---|
|  <p>197(L)×70(W)×50(H) mm³, 1.5kg</p> |  <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p> |  <p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p> |  <p>188(L) ×145(W) ×83(H) mm³, 1.2kg</p> |