

MGL-F-594/1~100mW



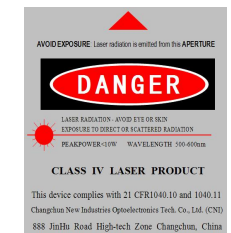
LD PUMPED ALL-SOLID-STATE
YELLOW LASER

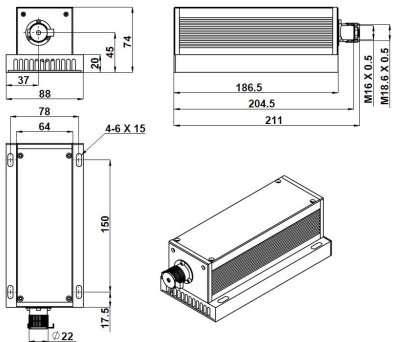

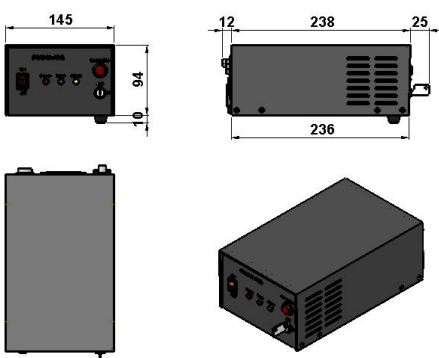
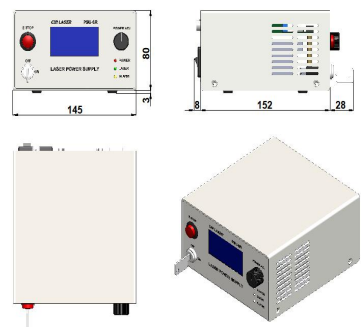
All solid state 594nm yellow laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

| | |
|---|---|
| Wavelength (nm) | 594 ± 1 |
| Operating mode | CW |
| Output power (mW) | >1, 10, 20, ..., 100 |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% |
| Transverse mode | TEM ₀₀ |
| M ² factor | <1.5 |
| Beam diameter at the aperture (1/e ² , mm) | ~3.0 |
| Beam divergence, full angle (mrad) | <2.0 |
| Polarization ratio | >100:1 |
| Warm-up time (minutes) | <10 |
| Pointing stability after warm-up (mrad) | <0.05 |
| Beam height from base plate (mm) | 45 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-LED/PSU-H-FDA/PSU-H-OEM/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-F-594 | PSU-H-LED | PSU-H-FDA | PSU-SR |
|---|---|--|--|
|  <p>211 (L) × 88 (W) × 74 (H) mm³, 1.6 kg</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, 1.2 kg</p> |