

MRL-FN-607/1~600mW



LD PUMPED ALL-SOLID-STATE LASER AT 607NM

All solid state 607nm 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

| | |
|---|---|
| Central wavelength (nm) | 607 ± 3 |
| Operating mode | CW |
| Output power (mW) | >10, 20, . . . , 600 |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%, <0.5% |
| Transverse mode | TEM ₀₀ |
| M ² factor | <1.2 |
| Beam diameter at the aperture (1/e ² , mm) | <2.0 |
| Beam divergence, full angle (mrad) | <1.5 |
| Polarization ratio | > 100:1 Vertical±5 degree (Horizontal Optional) |
| Warm-up time (minutes) | <5 |
| Pointing stability after warm-up (mrad) | <0.05 |
| Beam height from base plate (mm) | 27.4 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-FDA / PSU-H-LED / PSU-SR |
| Modulation | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



Note: The laser head needs to be used on a heat sink with good heat dissipation.

| MRL-FN-607 | PSU-H-FDA | PSU-H-LED | PSU-SR |
|--------------------------------------|--|--|---|
| <p>197(L)×70(W)×50(H) mm3, 1.5kg</p> | <p>276.6 (L) ×145(W) ×103.6 (H) mm3, 2.3kg</p> | <p>273.6 (L) ×145(W) ×103.6 (H) mm3, 2.3kg</p> | <p>188(L) ×145(W) ×83(H) mm3, 1.2kg</p> |