

OEM-F-460/462/465/1-2000mW



**OEM BLUE DIODE LASER
AT 460/462/465nm**

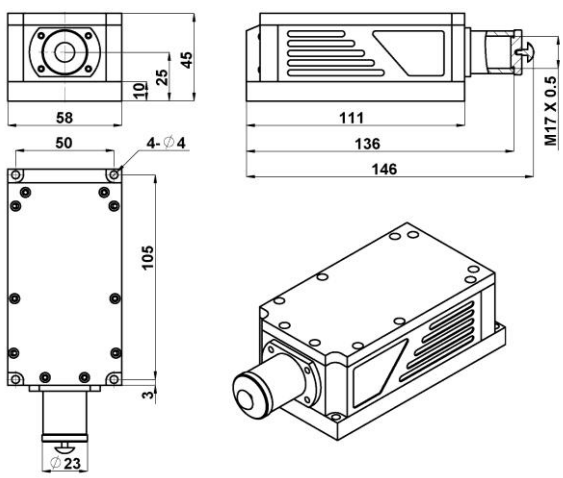
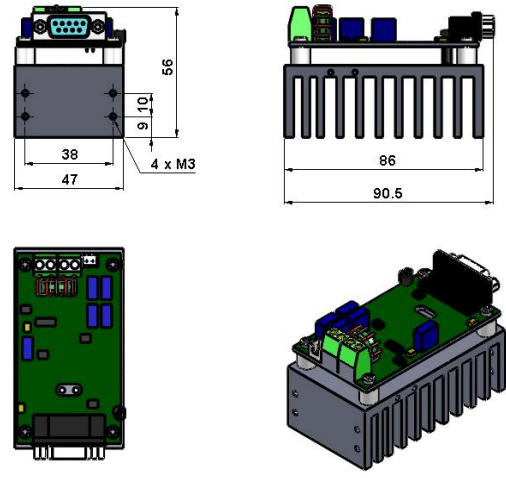
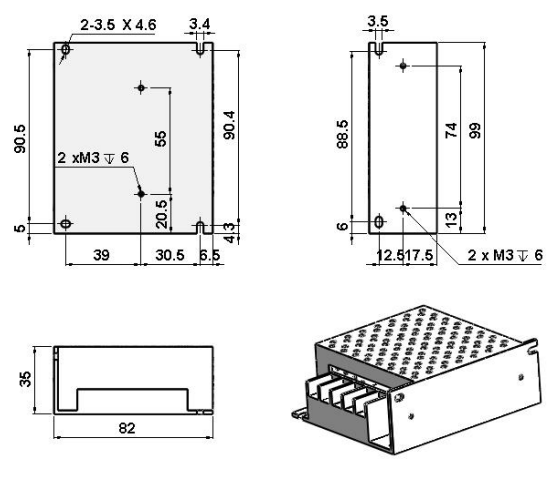
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



SPECIFICATIONS

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|---|--|
| Central wavelength (nm) | 460±5/ 462±5/ 465±5 |
| Operating mode | CW |
| Output power (mW) | >1, 100, 200, ...,2000 |
| Power stability (rms, over 4 hours) at 25°C | <1%, <2%, <3% |
| Transverse mode | Multimode |
| Beam diameter at the aperture (1/e ² , mm) | ~2.7×2.7 |
| Beam divergence, full angle (mrad) | 1.4×0.2 |
| Warm-up time (minutes) | <5 |
| Beam height from base plate (mm) | 25 |
| Operating temperature (°C) | 25+/-3 |
| Driver (6.5VDC 8A) | PSU-SD-OEM |
| TTL / Analog modulation | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| OEM-F-460/462/465 | PSU-SD-OEM | Accessory (Power supply 100-240VAC) |
|--|---|--|
|  <p>146 (L) ×58(W) ×45 (H) mm³, 0.7kg</p> |  <p>90.5 (L) ×47(W) ×56(H) mm³, 0.3kg</p> |  <p>99 (L) ×82(W) ×35(H) mm³, 0.3kg</p> |