



OEM-F-532/500-3000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE
OEM GREEN LASER

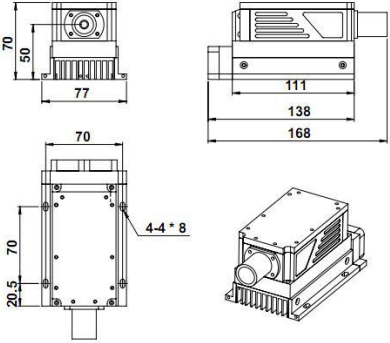
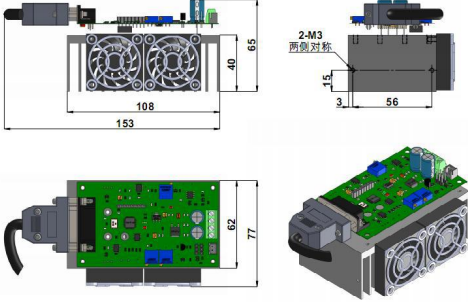
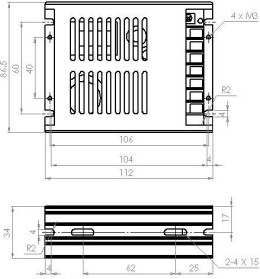
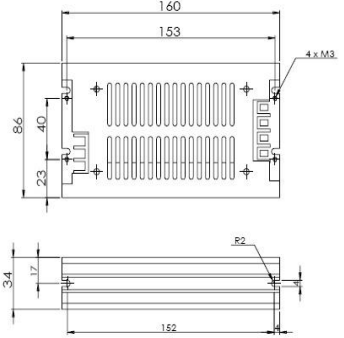
All solid state 532 nm OEM green laser is made features of high stability, ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



| | | | |
|---|---|---------------------|-----------------|
| Wavelength (nm) | 532±1 | | |
| Output power (mW) | 500, 550, ..., 1400 | 1500, ..., 2000 | 2100, ..., 3000 |
| Transverse mode | Near TEM ₀₀ | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) at 25°C | <5%, 10% | | |
| Warm-up time (minutes) | <5 | | |
| Beam divergence, full angle (mrad) | <1.2 | | |
| Beam diameter at the aperture (mm) | 3-4 | | |
| Beam height from base plate (mm) | 30 (OEM-F) | 50 (F-532-HS) | |
| Operating temperature (°C) | 25+/-2 (OEM-F) | 10-35 (F-532-HS) | |
| Power supply (90-264VAC) | PSU-OEM-F (OEM-F) | PSU-F-HS (F-532-HS) | |
| TTL modulation/ Analog modulation | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option | | |
| Expected lifetime (hours) | 5000 | | |
| Warranty time | 1 Year | | |



| Dimensions of Laser head | Supply power | Adapter (500mW-2W) | Adapter (2.5W-3W) |
|--|---|--|--|
| <p>OEM-F-532 141(L)×58(W)×50(H) mm³, 0.74kg</p> | <p>PSU-OEM-F 100(L)×76(W)×27(H) mm³, 0.10 kg</p> | <p>5V7A, 10.5V5A 112(L)×86.5(W)×34(H)mm³, 0.2kg</p> | <p>6V8A, 10V8A 160(L)×86(W)×34(H)mm³, 0.2kg</p> |

| Dimensions of Laser head | Supply power | Adapter (500mW-2W) | Adapter (2.5W-3W) |
|--|---|--|--|
|  <p>F-532-HS 168(L)×77(W)×70(H)mm³, 1.2kg</p> |  <p>PSU-F-HS 108(L)×77(W)×65(H) mm³, 0.4 kg</p> |  <p>5V7A,10.5V5A 112(L)×86.5(W)×34(H)mm³, 0.2kg</p> |  <p>6V8A,10V8A 160(L)×86(W)×34(H)mm³, 0.2kg</p> |