

OEM-F-532/1-3000mW

**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.


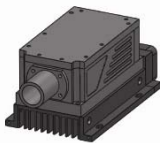




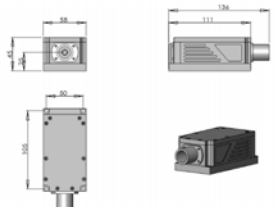
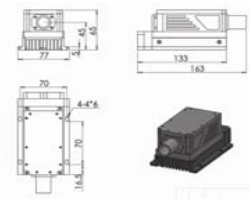
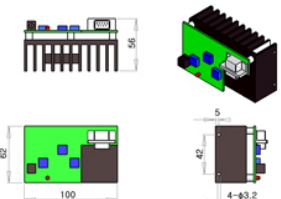
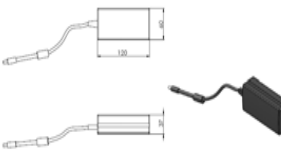
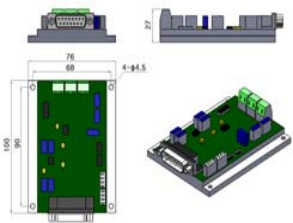
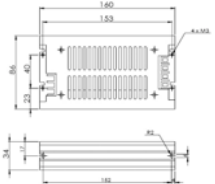


SPECIFICATIONS

| | | | | |
|---|---|--|-----------------|-----------------|
| Wavelength (nm) | 532±1 | | | |
| Output power (mW) | >1, 5, 10, ..., 450 | 500, 550, ..., 1400 | 1500, ..., 2000 | 2100, ..., 3000 |
| Transverse mode | TEM ₀₀ | Near TEM ₀₀ | | |
| Operating mode | CW | | | |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5% | | <3%, <5%, 10% | |
| Warm-up time (minutes) | <10 | | | |
| M ² factor | <1.2 | <1.2 | <3.0 | <3.0 |
| Beam divergence, full angle (mrad) | <1.2 | | | |
| Beam diameter at the aperture (mm) | 3-4 | | | |
| Beam height from base plate (mm) | 25 | | | |
| Operating temperature (°C) | 25+/-2 | | | |
| Operating current of Diode (A) | 0-2.5 | 0-5.5 | 0-5.5 | 0-8 |
| Operating voltage of Diode (V) | ~2.0 | | | |
| Pins information | 11/12: positive of diode; 1/2: negative of diode | 5/6/7/8: positive of diode; 12/13/14/15: negative of diode | | |
| Power supply (optional) | PSU-III-OEM (5VDC) | PSU-OEM-F (two channels 6 & 12V) | | |
| TTL modulation/ Analog modulation | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option | | | |
| Expected lifetime (hours) | 5000 | | | |
| Warranty time | The warranty is 3 months, excluding the LD failure. | | | |



Note: The power supply needs to be with the over current protection function.

| OEM-F-532 | F-532-HS | PSU-III-OEM (1-450mW) | Accessories | PSU-OEM-F(1-3000mW) | Accessories |
|---|---|--|---|--|---|
|  136(L)×58(W) ×45(H) mm³, 0.74kg |  163(L)×77(W) ×65(H) mm³ |  100 (L) ×62(W) ×56 (H) mm³, 0.2kg |  120(L)×60(W) ×37(H) mm³, 100-240VAC |  100(L)×76(W) ×27(H) mm³, 0.10 kg |  160(L)×86.2(W) ×34.5(H) mm³ 100-240VAC Adap |
|  |  |  |  |  |  |