

MGL-H-532/400~2000mW

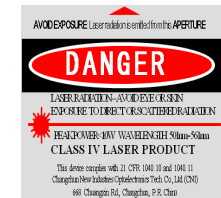
LD PUMPED ALL-SOLID-STATE GREEN LASER


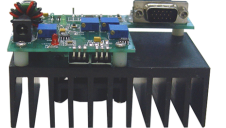






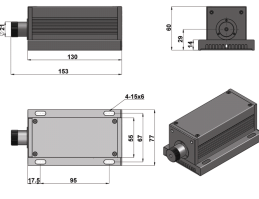
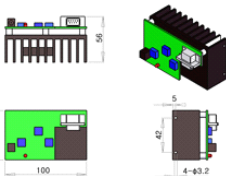
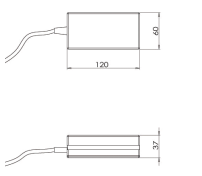
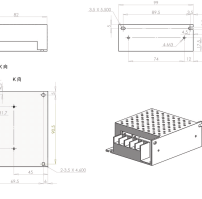
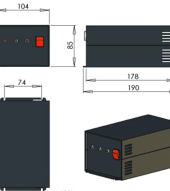
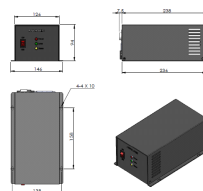
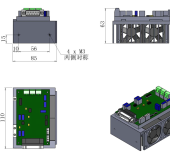
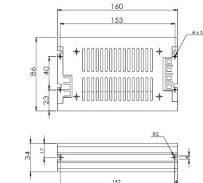
All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

| | | |
|---|---|-----------------------------|
| Wavelength (nm) | 532 ± 1 | |
| Output power (mW) | >400, 500, 600, ..., 1400 | 1500, 1600, 1700, ..., 2000 |
| Transverse mode | Near TEM ₀₀ | |
| Operating mode | CW | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5%, <10% | |
| Warm-up time (minutes) | <10 | |
| M ² factor | <2.0 | <3.0 |
| Beam divergence, full angle (mrad) | <2.0 | <1.0 |
| Beam diameter at the aperture (mm) | ~3.0 | ~4.0 |
| Beam height from base plate (mm) | 29 | |
| Polarization ratio | >100:1 | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-OEM | PSU-F-HS |
| Modulation option | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



| MxL-H-532 | PSU-III-OEM (1mW-1W) | Accessories (1-500mW) | Accessories (500mW-1W) | PUS-H-OEM-S (1mW-1W) | PUS-H-OEM (1mW-2W) | PSU-F-HS (1.5W-2W) | Accessories (1.5W-2W) |
|--|---|---|--|---|---|---|---|
|  |  |  |  |  |  |  |  |
| 153(L)×77(W)×60(H) mm ³ , 0.9 kg | 100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg | 120(L)×60(W)×37(H) mm ³ | 99(L)×82(W)×35(H) mm ³ | 190 (L) ×104 (W) ×85 (H) | 236 (L) ×146 (W) ×94 (H) | (L)×85(W)×63(H) mm ³ , 0.4 kg | 160(L)×86.2(W) 34.5(H) mm ³ DC:6V 8A 10V 8A |
|  |  |  |  |  |  |  |  |