

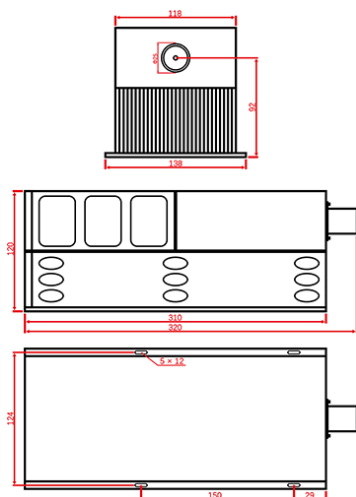
## 515nm Green DPSS Laser



### †Specifications

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Product Code                             | SSL - 515 - XXXX - XXM - D               |
| Wavelength [ nm ]                        | 515                                      |
| Output Power [ mW ]                      | 300 - 500                                |
| Transverse Mode                          | TEM <sub>00</sub> / CW                   |
| Operating Temperature [ °C ]             | +10 - +35                                |
| Storage Temperatures [ °C ]              | -10 - +45                                |
| Warm-up Time [ minutes ]                 | < 15                                     |
| Power Stability [ rms, over 4 hours ]    | 5%, 3%, 1%                               |
| M <sup>2</sup> Factor                    | < 2.5                                    |
| Beam Diameter At The Aperture [ mm ]     | < 3.0                                    |
| Beam Divergence, Full Angle [ mrad ]     | < 2.0                                    |
| Spectral Linewidth [ nm ]                | < 0.1                                    |
| Polarization Ratio                       | > 100 : 1                                |
| Point Stability After Warm-up [ mrad ]   | < 0.05                                   |
| Noise of Amplitude [ rms ]               | < 30%                                    |
| Modulation [ TTL or Analog Alternative ] | Standard 10KHz, Up to 40KHz need request |
| Laser Head Dimensions [ mm ]             | 320 [L] × 138 [W] × 120 [H]              |
| Power Supply Dimensions [ mm ]           | 310 [L] × 165 [W] × 120 [H]              |
| Working Voltage [ VAC ]                  | 85~245, 50/60Hz                          |
| Laser Gross Weight [ kg ]                | 10.0                                     |
| Cooling Way                              | Cooled by TEC and air                    |
| Expected Lifetime [ hours ]              | > 10000                                  |
| Warranty Time [ year ]                   | 1                                        |

#### Laser Head Dimension:



#### Power Supply Dimension:

