

## FS-H-532-100mW(1-100mW)

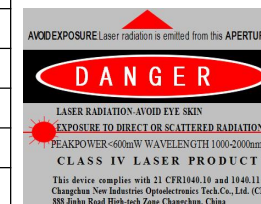
### FEMTOSECOND PULSED LASER AT 532nm

All Fiber Femtosecond pulsed laser at 532nm is made features of short pulse duration, high repetition rate, high stability and good beam quality, which is used in optical microscope, photon imaging, physics experiment, etc.

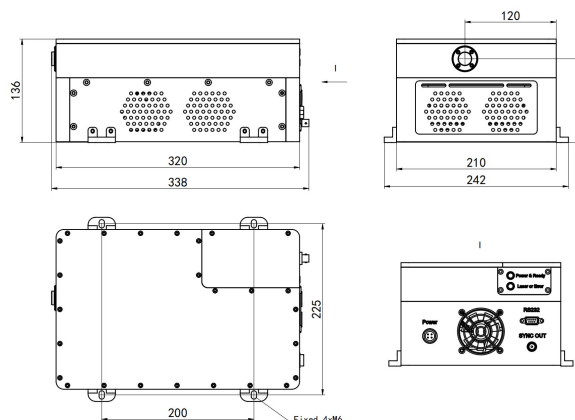


#### SPECIFICATIONS

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| Wavelength (nm)                                      | 532±2                 |
| Average power (mW)                                   | 100mW (100mW@80MHz)   |
| Single pulse energy (nJ)                             | 1.25(1.25nJ @80MHz)   |
| Rep. rate (MHz)                                      | 80±1MHz               |
| Pulse duration (fs)                                  | <150fs @80MHz, 100mW. |
| Peak power (kW)                                      | 7.5kW @80MHz          |
| Ave power stability (over 4 hours)                   | <1%                   |
| Warm-up time (minutes)                               | <10                   |
| Transverse mode                                      | TEM <sub>00</sub>     |
| Beam quality(M <sup>2</sup> )                        | <1.2                  |
| Beam divergence, full angle (mrad)                   | <1.0                  |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | ~1                    |
| Polarization ratio                                   | >100:1                |
| Beam height from base plate (mm)                     | 98                    |
| Cooled method                                        | Air cooled            |



## FS-H-532-100mW



338(L) × 210(W) × 136(H) mm<sup>3</sup>, 15kg

## FS-H-532-2W(100mW-2W)

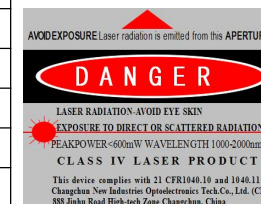
### FEMTOSECOND PULSED LASER AT 532nm

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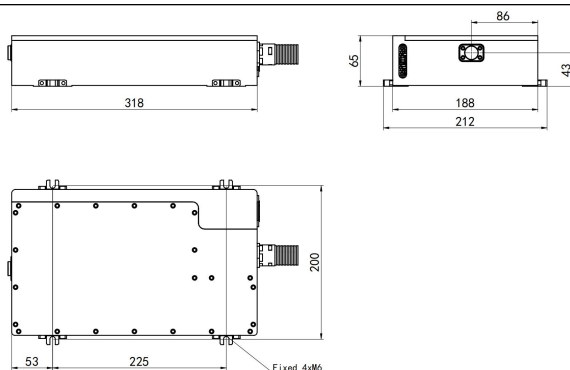


### SPECIFICATIONS

|                                                      |                   |
|------------------------------------------------------|-------------------|
| Wavelength (nm)                                      | 532±2             |
| Average power (W)                                    | 2W (2W@80MHz)     |
| Single pulse energy (nJ)                             | 25(25nJ @80MHz)   |
| Rep. rate (MHz)                                      | 80±1MHz           |
| Pulse duration (fs)                                  | <150fs @80MHz,2W. |
| Peak power (kW)                                      | 160kW @80MHz      |
| Ave power stability (over 4 hours)                   | <1%               |
| Warm-up time (minutes)                               | <10               |
| Transverse mode                                      | TEM <sub>00</sub> |
| Beam quality(M <sup>2</sup> )                        | <1.2              |
| Beam divergence, full angle (mrad)                   | <1.0              |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | ~1                |
| Polarization ratio                                   | >100:1            |
| Beam height from base plate (mm)                     | 43                |
| Cooled method                                        | Air cooled        |

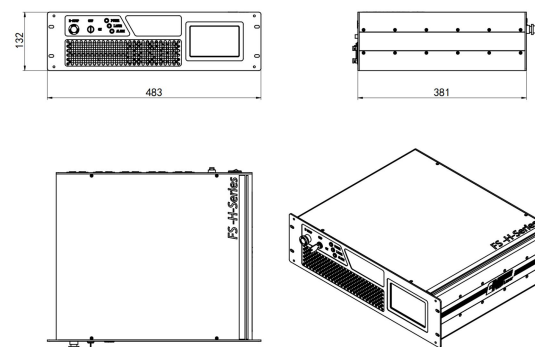


### FS-H-532-2W



318(L) × 188(W) × 65(H) mm<sup>3</sup>, 15 kg

### Power supply



483 (L) × 381(W) × 132(H) mm<sup>3</sup>, 18 kg