

FS-H-1064B/500-5000mW

### FEMTOSECOND PULSED LASER AT 1064nm

All Fiber Femtosecond pulsed laser at 1064nm 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.

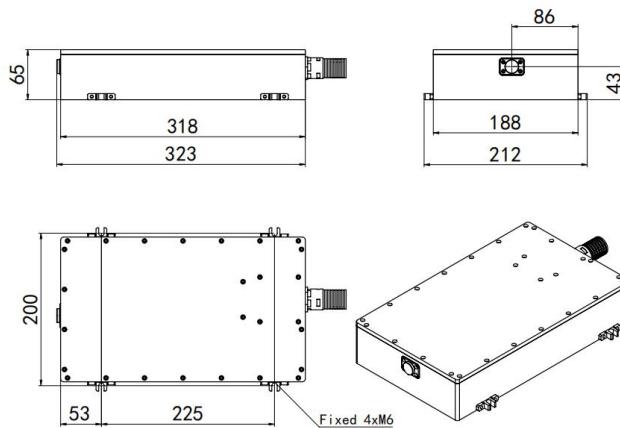


#### SPECIFICATIONS

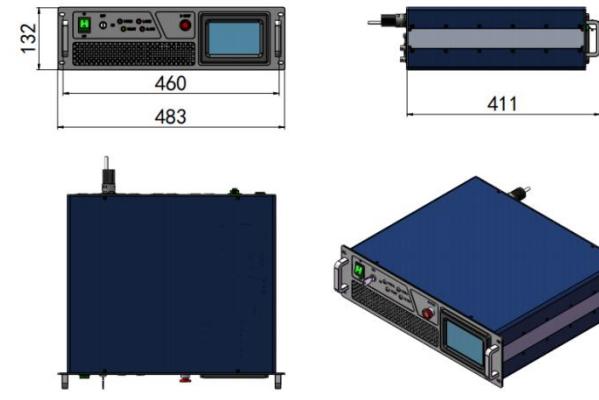
Wavelength (nm)	1064±5
Operating mode	Pulsed
Average power (mW) <sup>1</sup>	500-5000
Single pulse energy (nJ)	6.25-62.5
Rep. rate (MHz)	80±1
Pulse duration (fs)	<150
Group Delay Dispersion <sup>4(fs<sup>2</sup>)</sup>	-60000-0
Ave power stability (rms, 4 hours±3°C)	<2%, <1%
Warm-up time (minutes)	<10
Transverse mode	TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~1.0
M <sup>2</sup> factor	<1.2
Beam height from base plate (mm)	43
Polarization ratio	>100:1 Vertical
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	RAD1PS
Expected lifetime (hours)	>10000



#### LASER HEAD



#### POWER SUPPLY



<sup>1</sup> One fixed value between 500-5000mW.