



FS-H-1560A/1-200mW

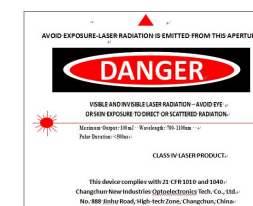
## FEMTOSECOND PULSED LASER AT 1560nm

All Fiber Femtosecond pulsed laser at 1560nm 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.

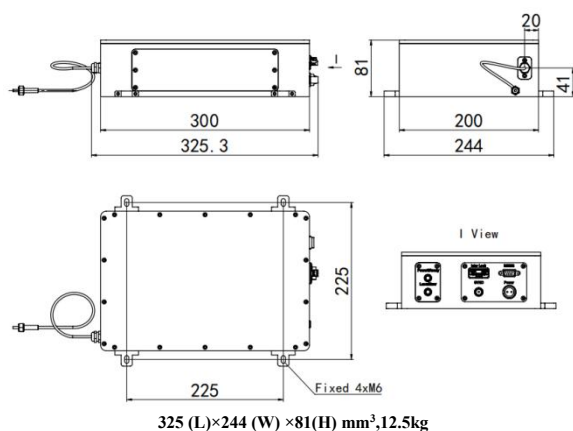


### SPECIFICATIONS

Wavelength (nm)	1560±30
Operating mode	Pulsed
Average power (mW) <sup>1</sup>	1-200
Single pulse energy (nJ)	1-2.5
Rep. rate (MHz)	80±2
Pulse duration (fs)	<50
Peak power (kW)	1-50
Ave power stability (rms, 4 hours±3°C)	<2%, <1%
Warm-up time (minutes)	<10
Transverse mode	TEM <sub>00</sub>
M <sup>2</sup> factor	<1.2
Output form	PM1550fiber, FC/ APC connector
Polarization ratio	>100:1 after PM fiber
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	12V/6.67A
Expected lifetime (hours)	>10000

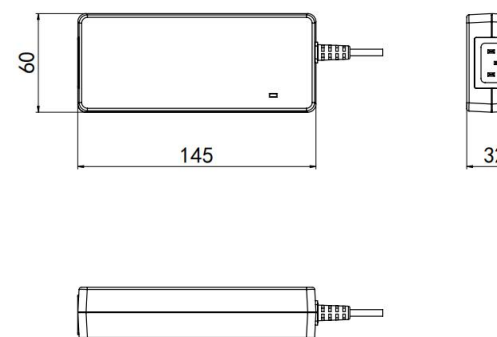


### LASER HEAD (DRIVER Integrated)



325 (L)×244 (W) ×81(H) mm<sup>3</sup>,12.5kg

### POWER SUPPLY(100-240VAC)optional



145 (L) ×60 (W) ×32 (H) mm<sup>3</sup>,1.2 kg

<sup>1</sup> One fixed value between 1-200mW.