FS-H-1064A/1-500mW

FEMTOSECOND PULSED LASER AT 1064nm

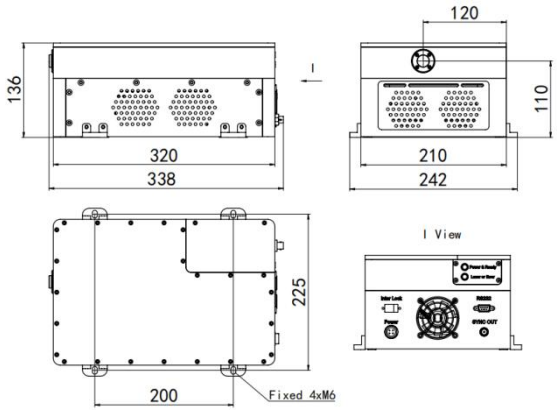
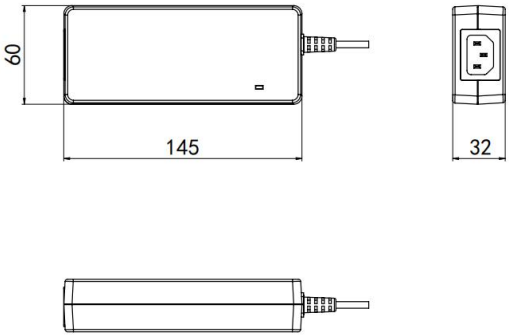
All Fiber Femtosecond pulsed laser at 1064nm is made features of short pulse duration, high repetition rate, high stability and good beam quality, which is used in optical microscope, photon imaging, physics experiment, etc.

SPECIFICATIONS

Wavelength (nm)	1064±5
Operating mode	Pulsed
Average power (mW) [1]	1-500
Single pulse energy (nJ)	1-6.25
Rep. rate (MHz)	80±2
Pulse duration (fs)	<150
Peak power (kW)	1-41
Ave power stability (rms, 4 hours±3℃)	<2%, <1%
Warm-up time (minutes)	<10
Transverse mode	TEM_{00}
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture ($1/e^2$,mm)	<2.0
M^2 factor	<1.2
Polarization ratio	>100:1 Vertical
Beam height from base plate (mm)	110
Cooled method	Air cooled
Operating temperature (℃)	10-35
Power supply (100-240VAC)	12V/6.67A
Expected lifetime (hours)	>10000





LASER HEAD (DRIVER Integrated)	POWER SUPPLY(100-240VAC)optional
	
338 (L)×242 (W) ×136(H) mm^3,7.5kg	145 (L) ×60 (W) ×32 (H) mm^3,1.2 kg

1 One fixed value between 1-500mW.

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