FS-H-780A/1-50mW

FEMTOSECOND PULSED LASER AT 780nm

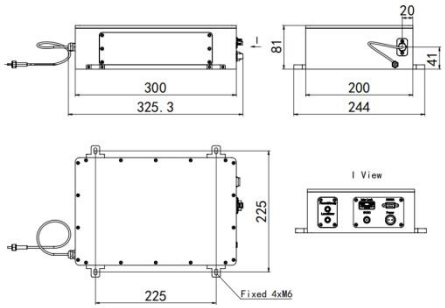
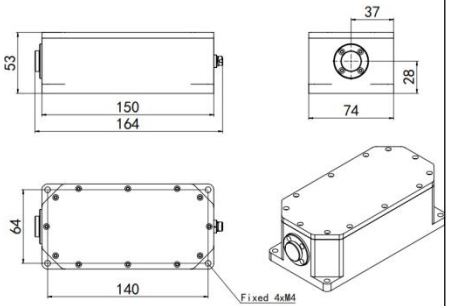
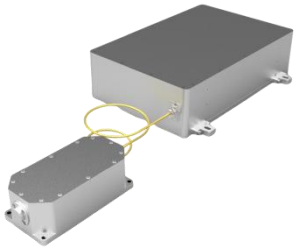
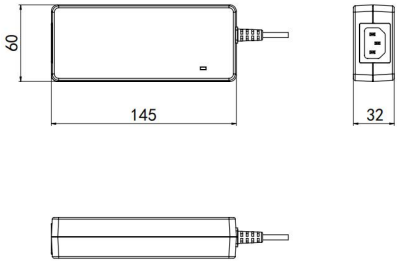
All Fiber Femtosecond pulsed laser at 780nm is made features of short pulse duration, high repetition rate, high stability and good beam quality, which is used in optical microscope, photon imaging, physics experiment, etc.

SPECIFICATIONS

Wavelength (nm)	780±15
Operating mode	Pulsed
Average power (mW) [1]	1-50
Single pulse energy (nJ)	0.1-0.6
Rep. rate (MHz)	80±2
Pulse duration (fs)	<100
Peak power (kW)	1-6
Ave power stability (rms, 4 hours±3°C)	<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 (°C)	10-35
Power supply (100-240VAC)	12V/6.67A
Expected lifetime (hours)	>10000





LASER HEAD (1560)	Frequency doubler	LASER HEAD (780)	POWER SUPPLY
			
323 (L)×212 (W) ×65(H) mm³,5.5kg	323 (L)×212 (W) ×65(H) mm³,5.5kg	411 (L) ×483 (W) ×132 (H) mm³,7.5 kg	145 (L) ×60 (W) ×32 (H) mm³,1.2 kg

1 One fixed value between 1-50mW.

Kokyo
株式会社 光響
Email : gs-inquiry@symphotony.com
Web : https://www.symphotony.com/