

EO-RS-1064/1-100W

LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1064nm

All solid state EOM Q-switched laser at 1064nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

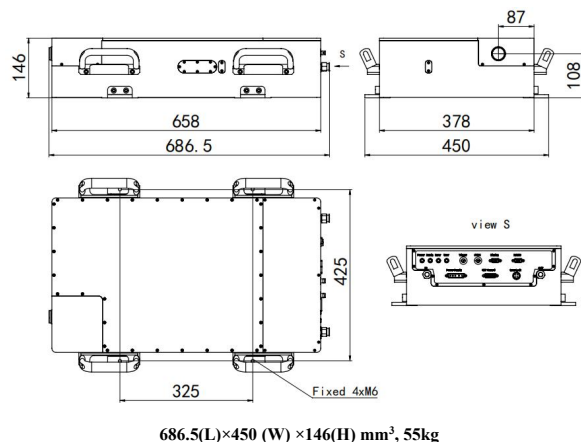


SPECIFICATIONS

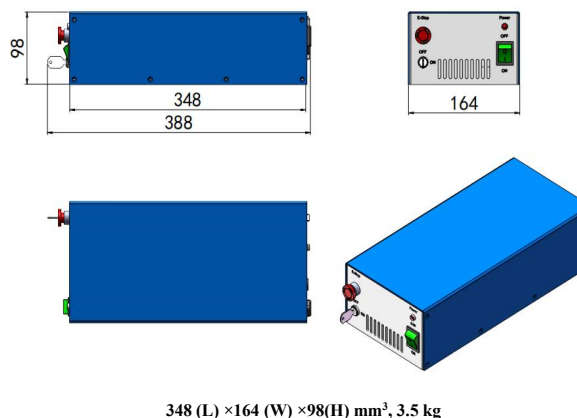
Wavelength (nm)	1064±1
Operating mode	Actively
Average power (W)	1-100W (100W@50kHz)
Single pulse energy (mJ)	1-4mJ (4mJ @20kHz)
Rep. rate	20-100kHz
Pulse duration (ns)	5ns @50kHz,100W.
Peak power (MW)	0.1-0.8
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e2,mm)	~2.0
Beam height from base plate (mm)	108
Cooled method	Water cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	24V/42A
Expected lifetime (hours)	>10000



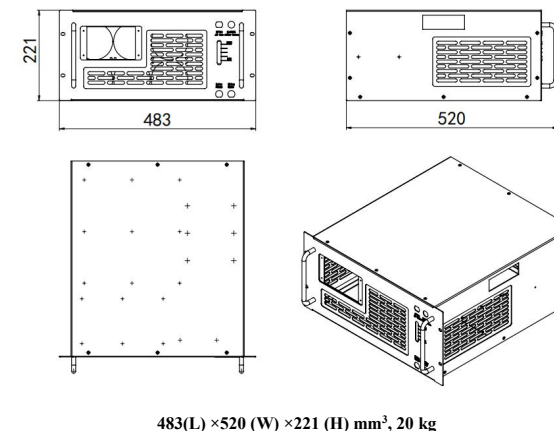
LASER HEAD (DRIVER Integrated)



POWER SUPPLY(100/240VAC)



WATER CHILL



1 One fixed value between 1-100W.