

EO-HS-532/1~12W

LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 532 nm

All solid state EOM Q-switched laser at 532 nm 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.

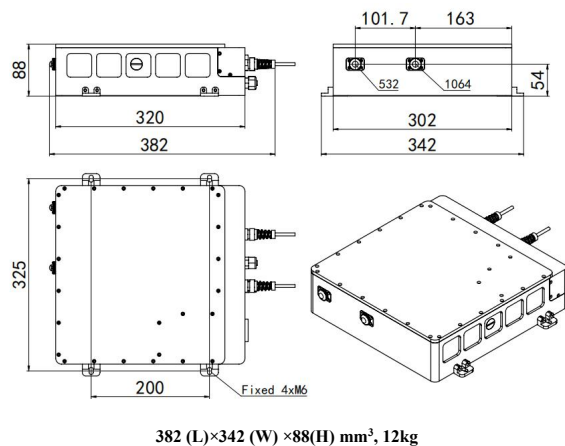


SPECIFICATIONS

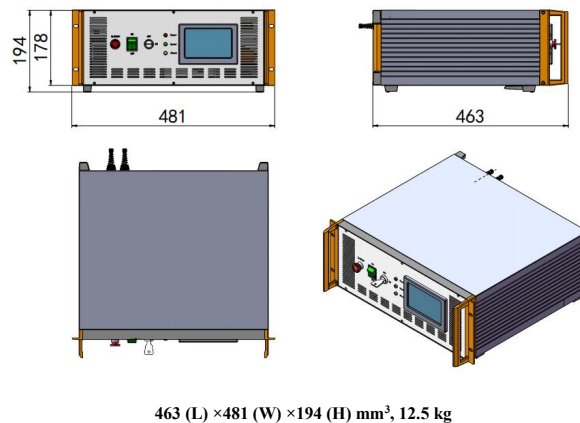
Wavelength (nm)	532±1
Operating mode	Actively
Average power (W) ¹	1-12 (12W@50kHz)
Single pulse energy (μJ)	1-240 (240μJ @50kHz)
Rep. rate (kHz)	15-100
Pulse duration (ns)	~4@50kHz
Peak power (kW)	1-60 (60kW@50kHz)
Power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e ² ,mm)	~1.5
M ²	<2
Beam height from base plate (mm)	54
Cooled method	Water cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000



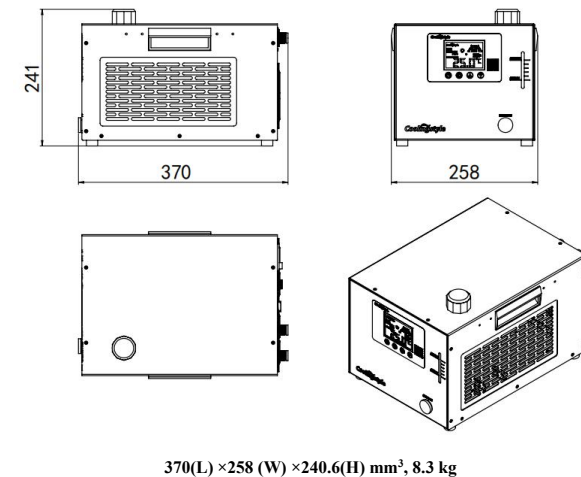
LASER HEAD



POWER SUPPLY



WATER CHILLER



¹ Any power level can be selected in this range.