

EO-HS-1064/1~420μJ/1~21W

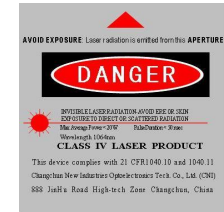
**LD PUMPED ALL-SOLID-STATE
EOM Q-SWITCHED LASER
AT 1064 nm**

All solid state EOM Q-switched laser at 1064 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)	1064±1
Operating mode	Electro-optic Q-switched
Average power (W)	1~21W (21W@10kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	1~420(420μJ @50kHz)
Rep. rate (kHz)	1~100
Pulse duration (ns)	~5@50kHz
Peak power (kW)	1~ 84(84kW@50kHz)
Ave power stability (over 4 hours)	<3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e2,mm)	~1.5
M ² factor	<2
Beam height from base plate (mm)	57
Cooled method	Water cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM(4U)
Expected lifetime (hours)	10000
Warranty period	1 year



EO-HS-1064	PSU-AOM (4U)	Water Chiller(WCH-600)
<p>278.7(L)×341(W)×97(H) mm³, 10kg</p>	<p>463.4 (L) ×481 (W) ×194 (H) mm³, 8.3 kg</p>	<p>350 (L)* 269 (W)*341 (H) mm³, 12kg</p>