**Opto Engine LLC** 

EO-W-1064 /1~900uJ/1~1800mW

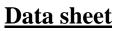
## SPECIFICATIONS

## LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER

All solid state EOM Q-switched laser at 1064 nm has the features of high peak power, low repetition rate, and short pulse duration, which is widely used in medical and industrial use.



Wavelength (nm)	1064±1		
Operating mode	Q-switched: EOM (Electro-optic modulation)		
Output power (mW)	900@1kHz	1800@2kHz	
Single pulse energy (µJ)	1~900		
Pulse duration (ns)	~8		
Peak power (kW)	>100		
Rep. rate (Hz)	1~2000, adjustable		
Ave power stability (over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	93.5		
Cooled method	Air cooled		
Operating temperature (°C)	15~35		
Power supply (220/110VAC)	PSU-EOM		
Expected lifetime (hours)	10000		
Warranty period	1 year		
Pilot light (optional)	5mW @650nm		

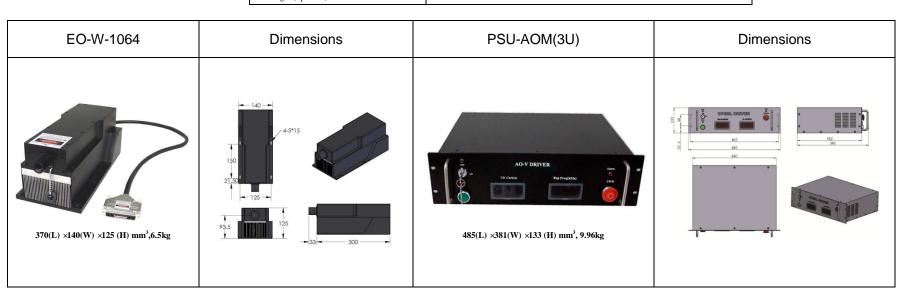


AVODEXPOSURE Laserradation is emitted from this APERTURE

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