

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

urs Tech. Co., LM. (Ch

our Changelone Chin

## **EO-XS-355**/1~50 µJ/1~2W

## SPECIFICATIONS

## LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 355 nm

All solid state EOM Q-switched laser at 355 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.



Wavelength (nm)	355±1	
Operating mode	Electro-optic Q-switched	
Average power (W)	1~2W (2W@40kHz)	
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	- All
Single pulse energy (µJ)	1~50(50µJ @40kHz)	
Rep. rate (kHz)	1~100	
Pulse duration (ns)	~4@40kHz	
Peak power (kW)	1~12.5(12.5kW@40kHz)	
Ave power stability (over 4 hours)	<3%, <5%	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<3	AVOID EXPOSURE Laser radia
Beam diameter at the aperture (1/e2,mm)	~1.5	DAM
Beam height from base plate (mm)	101	BWIJIBLE LAJER RAD
Cooled method	Air cooled	Machiners From Carlo Wendaright 1064ran CLASS IV L
Operating temperature (°C)	10~35	This device complies with Changehan New Industries Op
Power supply (220/110VAC)	PSU-AOM(3U)	888 JinHu Road High-te
Expected lifetime (hours)	10000	
Warranty period	1 year	

