

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

**AO-W-1573**/1~30uJ/1~1000mW

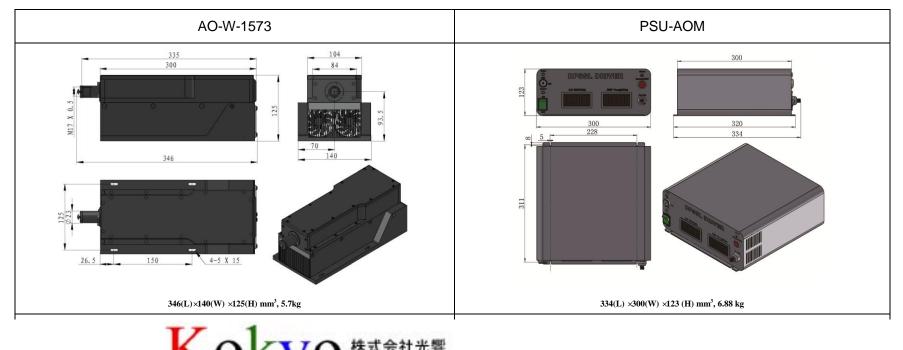
## **SPECIFICATIONS**

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

All solid state AOM Q-switched laser at 1573 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser radar ranging, spectrometry, remote sensing, and so on.



Wavelength (nm)	1573±1	
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)	
Output power @Q-switched mode	1~1000mW@30kHz, typical	
Single pulse energy (µJ)	1~30	SWE
Pulse duration (ns)	~10	- And S
Peak power (kW)	1-30	
Rep. rate (kHz)	1~50, 1~100, 1~200, optional	
Ave power stability (over 4 hours)	<5%	
Beam divergence, full angle (mrad)	<2.0	AVODEXPOSIFE Laserradaix no emited from the APERTURE
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4.0	
Beam height from base plate (mm)	93.5	
Warm-up time (minutes)	<10	EPOSINE TO DIRECT ORSCATTERED RADIATION
Operating temperature (°C)	15~35	The Section Section 2014 Control of the Cont
Power supply (220/110VAC)	PSU-AOM	
Expected lifetime (hours)	10000	
Warranty period	1 year	



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