

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

AO-K-589/1~250mW

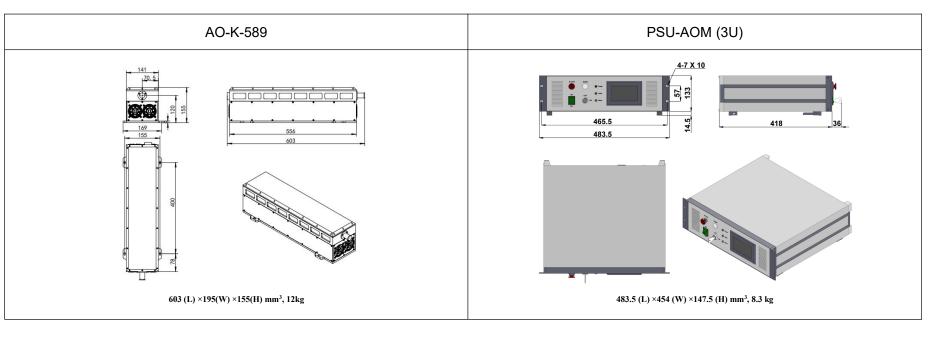
## SPECIFICATIONS

Central wavelength (nm)	589±2	AXODEXPOSURE Laser radiation is emiled from the APER DANDEXPOSURE Laser radiation is emiled from the APER DANN GER LASER RADIATION-AVOID IVE SKIN FRANSIER TO DIRECT OR SKINTER BANDAT FRANSIER BANDAT BANDAT FRANSIER BAND
Operating mode	Acousto-Optic Q-switched	
Average power (mW)	1~250	
Rep. rate (kHz)	10	
Pulse duration (ns)	<15	
Single pulse energy (µJ)	1~25	
Peak power(kW)	1.7	
Beam diameter at the aperture (1/e2,mm)	<3	
Beam divergence, full angle (mrad)	<2	
Power stability (rms, over 4 hours)	<3%, <5%	
Beam height from base plate (mm)	120	
Warm-up time (minutes)	<10	
Power supply	PSU-AOM (3U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	

## LD PUMPED ALL-SOLID-STATE **Q-SWITCHED LASER at 589nm**

All solid state Q-switched laser at 589nm has the features of ultra compact, easy operating, which is widely used in micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment, etc.







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