

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

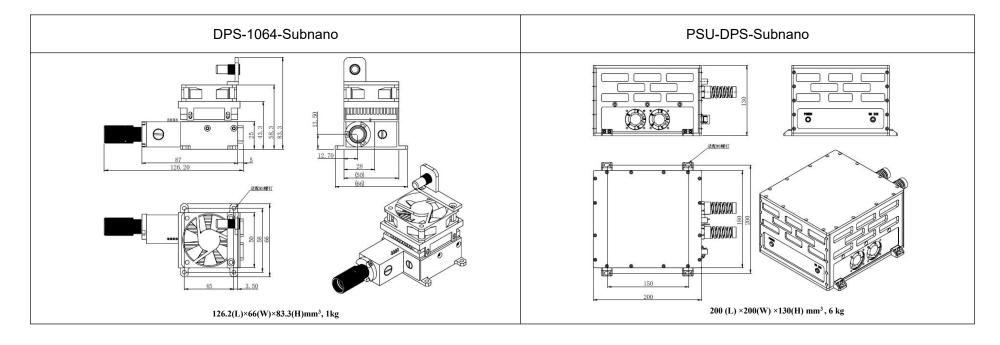
DPS-1064-Subnano/1mJ

HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Lidar, medical treatment, nonlinear optics, scientific research, and so on.



SPECIFICATIONS		
Wavelength (nm)	1064±1	
Operating mode	Q-switched: PM (Passive Modulation)	
Single pulse energy (mJ)	1	
Pulse duration (ns)	<1	
Rep. rate (kHz)	1, EXT	
Energy stability (rms)	<4%, <5%	3
Beam divergence, full angle (mrad)	<3	7/15
Beam diameter (mm)	~3	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	13.5	AVOID EXPOSURE: Laser radiation is emi
Cooled method	Conduction cooled	DANGE
Operating temperature (°C)	15~30	LA LASER RADIATION-AVOID DIRI
Power supply (24V DC)	PSU-DPS-Subnano	Single Palse Energy <30mJ Pals Wavelength 400-700nm
Expected lifetime (pulses)	10 %	CLASS IIIb LASER PR This device complies with 21 CFR1
Warranty period	1 year	Changchan New Industries Optoclectror No.888 Jinhu Road, High-tech Zon





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