

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

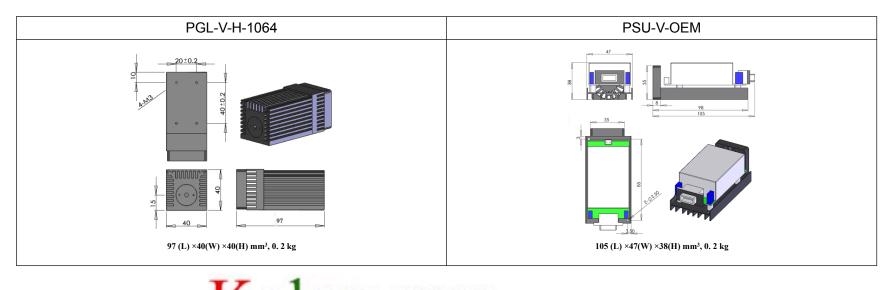
PGL-V-H-1064/1~1000mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER

All solid state 1064 infrared laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



Wavelength (nm)	1064±1	
Operating mode	CW	
Output power (mW)	>1, 10,20,, 1000	
Power stability (rms, over 4 hours)	<5%, <10%, <20%	The second se
Transverse mode	TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	~1.5	1
Beam divergence, full angle (mrad)	<1.2	AVOID EXPOSURE: Laser radiation is emitted from this
Beam height from base plate (mm)	15	DANGER
Warm-up time (minutes)	<10	LASER RADIATION - AVOID DESEXT EXPOSURE TO BEAM
Operating temperature (°C)	10~35	CLASS IV LASER PRODUCT This device complies with 21 CFR1040.10 and 1040.11
Power supply (90-264VAC)	PSU-V-OEM	Changelmo New Industries Optoriectonics Tech. Co., Ltd. (CNI) 388 JinHu Road High-tech Zone Changelrun, China
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	1
Warranty period	1 year	



SPECIFICATIONS

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