

PGL-FS-1064/1~500mW

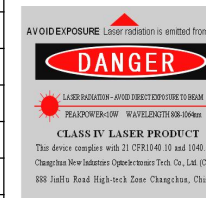
LD PUMPED ALL-SOLID-STATE INFRARED LASER

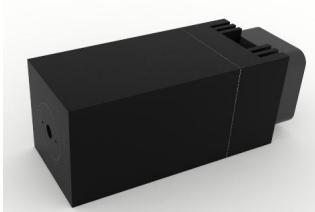
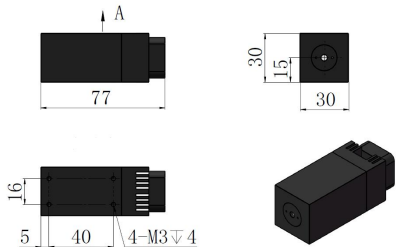
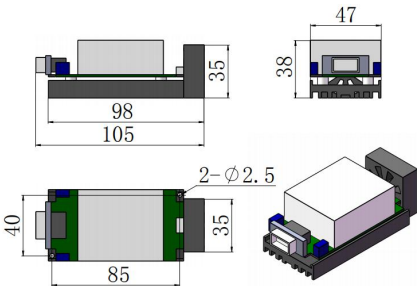
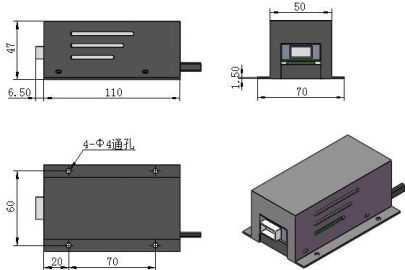
All solid state 1064 infrared laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	1064 ± 1	
Operating mode	CW	
Output power (mW)	>1, 10,20,...., 500	
Power stability (rms, over 4 hours)	<5%, <10%, <20%	
Transverse mode	TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	~1.5	
Beam divergence, full angle (mrad)	<1.2	
Beam height from base plate (mm)	15	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10~35	
Power supply	PSU-V-OEM(90-264VAC)C	PSU-I-OEM (5/12VDC)
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	



PGL-FS-1064	Dimensions	PSU-V-OEM	PSU-I-OEM
 <p>77 (L) × 30(W) × 30(H) mm³, 0.2 kg</p>		 <p>105 (L) × 47(W) × 38(H) mm³, 0.2 kg</p>	 <p>110 (L) × 70(W) × 47(H) mm³, 0.3 kg</p>