

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

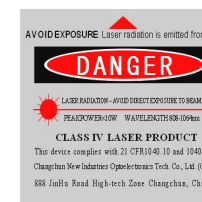
LD PUMPED ALL-SOLID-STATE INFRARED LASER

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.



SPECIFICATIONS

| | |
|---|---|
| Wavelength (nm) | 1064±1 |
| Operating mode | CW |
| Output power (mW) | >1, 10,20,..., 1000 |
| 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-V-H-1064 | Dimensions | PSU-V-OEM | PSU-I-OEM |
|--|------------|---|---|
| <p>97 (L) ×40(W) ×40(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> |