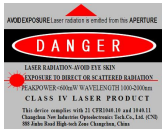
**PS-L Series**/1-100mW

# PICOSECOND PULSED LASER AT 280-660nm

All picosecond pulsed laser is made features of short pulse duration, high repetition rate and good beam quality, which is widely used in Lidar, Laser spectroscopy, Sensing and metrology, etc.




**SPECIFICATIONS**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Wavelength (nm) | 280±1 | 295±1 | 310±1 | 330±1 | 560±1 | 590±1 | 620±1 | 660±1 |
| Pulse duration(ps) | <500 | | | | | | | |
| Max average power (mW)* | 1~10 | 1~10 | 1~10 | 1~10 | 1~100 | 1~100 | 1~100 | 1~100 |
| Rep. rate (kHz)(optional) | 3 | | | | | | | |
| Ave power stability (over 4 hours) | <5%, <3% | | | | | | | |
| $M^2$ factor | <10 | | | <35 | <4 | | | |
| Beam diameter at the aperture (mm) | ~2.5×3 | ~2×3 | ~2×3 | ~2×3 | ~3.5 | | | |
| Beam divergence, full angle (mrad) | <1×1 | | | ~2×5 | <1 | | | |
| Warm-up time (minutes) | <10 | | | | | | | |
| Operating temperature (°C) | 20~30 | | | | | | | |
| Expected lifetime (hours) | 10000 | | | | | | | |