

## LD PUMPED ALL-SOLID-STATE GREEN LASER

YN-W-577nm



### Product Description

All solid state 577 nm yellow laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.

### Specifications

|    |  |                            |
|----|--|----------------------------|
| 1  | 型号 Model                               | YN-W-577nm                 |
| 2  | 波长 Wavelength                          | 577±2nm                    |
| 3  | 输出功率 Output power(W)                   | >1,2,3                     |
| 4  | 工作方式 Operating mode                    | CW/Modulation              |
| 5  | 光斑模式 Beam Mode                         | Near TEM <sub>00</sub>     |
| 6  | 功率稳定性 Power Stability                  | <3%per4 hrs                |
| 7  | 光束直径 Beam diameter at the aperture     | ~7.0mm                     |
| 8  | 光束发散角 Beam Divergence (full angle)     | <1.0Mrad                   |
| 9  | 制冷方式 Cooling System                    | TEC+Fan                    |
| 10 | 预热时间 Warm-up time (minutes)            | <10                        |
| 11 | 工作温度 Operating temperature (°C)        | 10-35                      |
| 12 | 配套电源 Power Supply                      | YN-LED                     |
| 13 | 电源调制 Modulation                        | 5V TTL / 5V Analogue       |
| 14 | 调制速率 Modulating Frequent               | TTL or Analog with 1~30KHz |
| 15 | 使用寿命 Expected lifetime (hours)         | 10000                      |
| 16 | 质保时间 Warranty                          | 1year                      |
| 17 | 激光头尺寸和重量 Laser head size and weight    | 345*140*125/6.0kg          |
| 18 | 驱动尺寸和重量 Power supply and weight        | 225*168*133/4.5kg          |
| 19 | M2 factor                              | ~5                         |
| 20 | Polarization ratio                     | >100:1                     |
| 21 | 出光口高度 Beam height from base plate (mm) | 93.5                       |