

| 关键参数   | Key Parameters        | Unit           | 指标 Specifications |                 |                 |
|--------|-----------------------|----------------|-------------------|-----------------|-----------------|
| 型号     | Model Number          |                | ExtremeCut 1K     | YDFL-1000-CW-SM | YDFL-1000-CW-MM |
| 工作模式   | Operation Mode        |                | 连续 CW / 准连续 QCW   |                 |                 |
| 偏振态    | Polarization          |                | 随机 Random         |                 |                 |
| 中心波长   | Central Wavelength    | nm             | 1080±10           |                 |                 |
| 额定输出功率 | Rated Output Power    | W              | 1000              |                 |                 |
| 最大调制频率 | Max Modulation Freq.  | kHz            | 100               | 10              |                 |
| 功率调节范围 | Power Tuning Range    | %              | 1 ~ 100           |                 |                 |
| 功率不稳定性 | Power Instability     | %              | ≤ 1               | ≤ 2             |                 |
| 光束质量   | Beam Quality          | M <sup>2</sup> | ≤ 1.2             | ≤ 1.3           | ≤ 6             |
| 纤芯直径   | Core Diameter         | μm             | 14                | 20              | 50              |
| 输出头类型  | Delivery Head Type    |                | QBH               |                 |                 |
| 输出光缆长度 | Delivery Cable Length | m              | 15 (可定制)          |                 |                 |
| 输入电压   | Operating Voltage     | VAC            | 220V±10%          |                 |                 |
| 最大功耗   | Max Power Consumption | W              | 3000              |                 |                 |
| 机箱尺寸   | Dimensions (L*W*H)    | mm             | 499*482.6*132.55  |                 |                 |
| 冷却方式   | Cooling Method        |                | 水冷 Water          |                 |                 |
| 工作环境温度 | Operating Temperature | °C             | +5 ~ +40          |                 |                 |
| 储存温度   | Storage Temperature   | °C             | -20 ~ +60         |                 |                 |

### 产品应用:

- 激光切割、钻孔
- 激光焊接
- 激光去除、划线
- 精密加工
- 激光增材制造

### Applications:

- Laser cutting/drilling
- Laser welding
- Laser ablation/scribing
- Precision machining
- Laser additive manufacturing



产品外形尺寸(毫米) Dimensions(mm)

