LASER TECH™



Single-mode Fiber Laser

YLIS-6000-W

Single-module continuous fiber laser adopts 976nm high efficiency bidirectional pumping technology, high anti-reverse design, stable performance, high electro-optical conversion rate, and has the advantages of high cutting efficiency and strong welding ability. New modular design, high space utilization.

Advantages

- New platform design, smaller,lighter,easier integration
- Real-time response time < 5us
- Versatile external interface,customized 64 programs
- Output power closed-loop control

Applications

Widely used in laser cutting, laser welding, laser cladding, laser brazing, laser surface heat treatment, etc., the application of hardware, medical, automotive, shipbuilding, aviation, construction machinery and other fields.

GW's standard certification laser series is based on professional performance, and the design standards pursue parity with international first-line brands. For the international market and high-end user groups, the product design meets the relevant international certification standards, and provides global service network protection services.

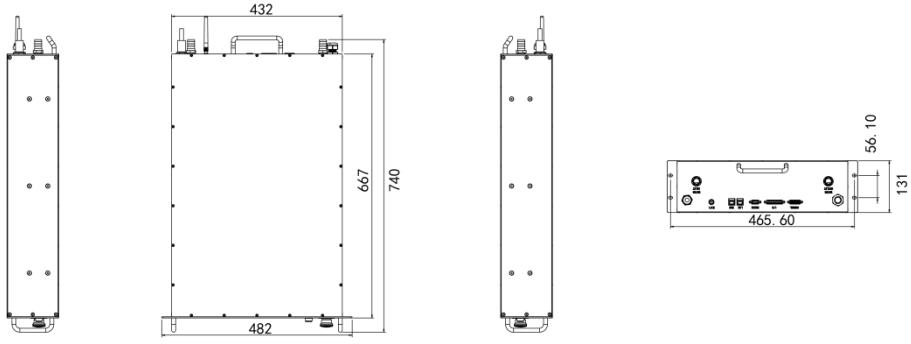
- 976nm high efficiency bidirectional pumping technology, EO efficiency ≥42%
- YLIS Series of standard certified products through the CE, FDA, TUV Rheinland certification, global service network joint warranty
- ABR anti-reflection design, suitable for a variety of high reflective materials processing applications
- The output core diameter can be customized to meet the application requirements of multiple scenarios

976 EO conversion efficiency≥42%	ABR Easily process high anti materials	Custom waveform output	Remote Iot access

Single-mode Fiber Laser

YLIS-6000-W

Product specification parameter	YLIS-6000-W
Output Power (watt)	6000
Operating Mode	CW/Pulse/Built-in program
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	BPP≤2
Interface Type	QBH
Delivery Fiber Core Diameter (conventional configuration, optional)	50um
Cooling Method	Water-cooling
Ambient Temperature Range (℃)	5-45
Input Voltage	380VAC/50Hz
Dimension (mm)	667 x 432 x 131 (L×W×H)
Weight (kg)	< 58



Unit: mm

Legal Notice: All product information is believed to be accurate and subject to change without notice.

Legal statement:

GW smart fiber laser products are designed in strict accordance with safety regulations. All production is in accordance with international standards and regulations currently in force in the country. Each GW laser has a warning sign as shown in the figure.



GW(Shanghai) Laser Technology Co.,Ltd. Tel: +86 2139721122 Email: sales@gwlaser.tech
Web: www.gwlaser.tech Addr: Building 5-1, No.398, Shuanglian Road, Xujing Town, Qingpu District, Shanghai