GW LASER TECH™



Single-mode Fiber Laser

YLPS-4000-W

Robust, classic design with tens of thousands lasers deployed around the world. Easy to maintain, stable performance with minimal power degradation. High brightness with excellent beam quality, high electro-optical efficiency.

Advantages

- 19-inch 3U rack design cabinet, easier integration
- Rich external interfaces, can connect to the automatic control system, external call and execute 64 kinds of custom programs;
- Real-time response system design, response time <5us, with power slow up slow down function.

Applications

Can cooperate with laser processing head, galvanometer and robot, machine tool system integration, mainly used in high reflection material processing, laser fine cutting, precision welding processing, used in 3C, hardware, medical, automotive, aviation and other fields.

The professional performance laser series of GW is aimed at customers who have the pursuit of product performance indicators, the replacement of imported products or the product functionality requirements. Product design to the first-line brand, with better product performance indicators, perfect functions, design redundancy is greater, to provide customers with more value-added space.

- 976nm high efficiency bidirectional pumping technology, electrical to optical efficiency ≥42%
- Excellent beam quality and performance
- 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

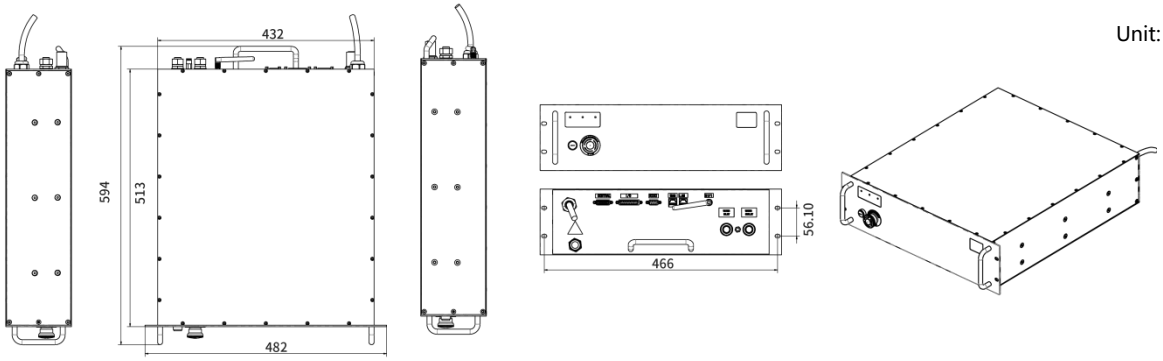
976 EO conversion efficiency≥42%	ABR Easily process high anti materials	$M^2 \leq 5$	Custom waveform output

Single-mode Fiber Laser

YLPS-4000-W

Product specification parameter	YLPS-4000-W
Output Power (watt)	4000
Operating Mode	CW/Pulse/Built-in program
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	$M^2 \leq 5$
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)	482 x 513 x 132 (L×W×H)
Weight (kg)	< 40

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.



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