LASER TECH™



High Brightness Fiber Laser

YLPS-4000-W-S

The high brightness fiber laser adopts 976nm high efficiency bidirectional pumping technology, which is economical and energy saving. Integrated fully enclosed design of optical module, small output fiber core diameter, excellent beam quality, high power density, suitable for laboratory and market applications, widely used in high inverse materials laser welding, laser cutting and so on.

Advantages

- 19-inch 3U rack design cabinet, easier integration
- Power closed-loop control, more stability and higher beam quality
- The output core diameter is small, and the beam quality is excellent, $M^2 \leq 1.3$

Applications

Can be used in stainless steel, carbon steel, aluminum, copper, and other metal materials cutting, welding, drilling, sheet metal cutting, hardware processing, home appliance manufacturing, 3C and other fields widely used.

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.

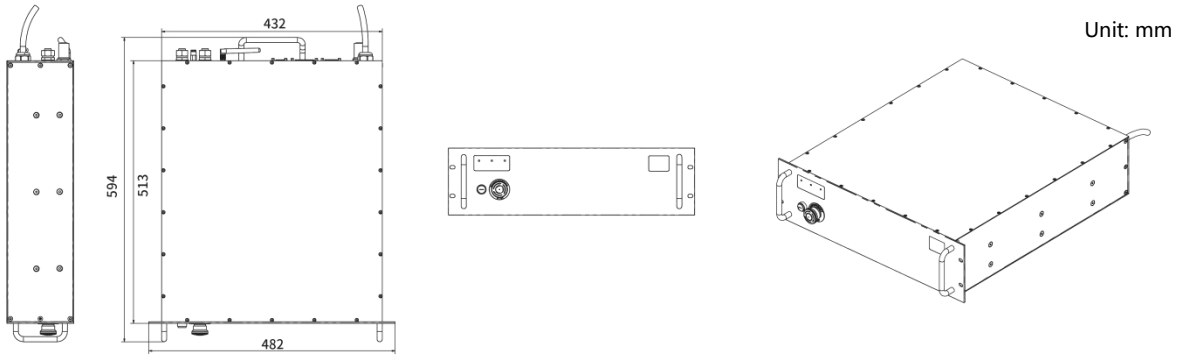
- Modular design, integrated fully enclosed chassis
- Excellent beam quality, high laser output stability and higher integration
- ABR anti-reflection design, suitable for a variety of high reflective materials processing applications
- The output core diameter can be customized to meet the application requirements of multiple scenarios

976 EO conversion efficiency≥42%	ABR Easily process high anti materials	$M^2 \leq 1.3$	Custom waveform output

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YLPS-4000-W-S

Product specification parameter	YLPS-4000-W-S
Output Power (watt)	4000
Operating Mode	CW/Pulse/Built-in program
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	$M^2 \leq 1.3$
Interface Type	QBH
Delivery Fiber Core Diameter (conventional configuration, optional)	20um
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)	< 50



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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