GW LASER TECH™



Single-mode Fiber Laser

YLLS-Plus-3000-W

Single-module continuous fiber laser adopts a new appearance design, a new optical structure design, the output fiber core diameter is small, has a high beam quality, mainly used for high inverse material processing, laser fine cutting, precision welding processing.

Optimized for sheet metal processing, processing performance is better than similar products.

Advantages

- 19-inch 2U rack design cabinet, easier integration
- IoT integration technology, remote service
- PLUS series is optimized for thin and mid-thick sheet cutting process,better performance
- 976nm Pumping technology, EO conversion efficiency > 40%

Applications

High power single module, stronger processing capacity, can be combined with laser processing head, galvanometer and robot, machine tool system integration, mainly used for high inverse material processing, laser fine cutting, precision welding processing.

GW's economical laser series is oriented to the user group with the ultimate cost performance requirement, taking economy as the core, taking into account high quality and low price, which can fully meet the daily production and use needs of customers.

- Stable and adjustable process, in-plant matching test
- Power attenuation ≤3% after continuous operation for one year
- 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

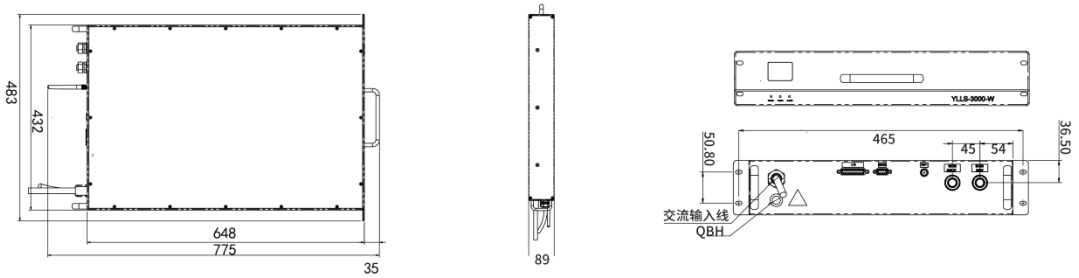
976 EO conversion efficiency≥40%	ABR Easily process high anti materials	M^2≤1.5	Remote Iot access

Single-mode Fiber Laser

YLLS-Plus-3000-W

Product specification parameter	YLLS-Plus-3000-W
Output Power (watt)	3000
Operating Mode	CW/Pulse
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	$M^2 \leq 6$
Interface Type	QBH
Delivery Fiber Core Diameter (conventional configuration, optional)	50um
Cooling Method	Water-cooling
Ambient Temperature Range (℃)	10-40
Input Voltage	380VAC/50Hz
Dimension (mm)	648 x 483 x 89(L×W×H)
Weight (kg)	< 35

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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