LASER TECH™



Single-mode Fiber Laser

YLLS-1500-W

Single-module continuous fiber laser adopts high efficiency 976nm bidirectional pumping technology, high electro-optical conversion efficiency, high laser stability, small output fiber core diameter, with high beam quality, mainly used for high inverse material processing, laser fine cutting, precision welding processing.

Advantages

- Based on the high efficiency 976nm pump design, high electro-optical conversion efficiency;
- With remote Internet of Things access capability, can achieve remote services;
- Small size, light weight, easy to integrate.

Applications

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

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.

- New exterior design, all aluminum body
- 976nm high performance pumping technology, EO conversion efficiency ≥40%
- Excellent beam quality, suitable for a variety of materials processing applications
- The output core diameter can be customized to meet multiple application requirements

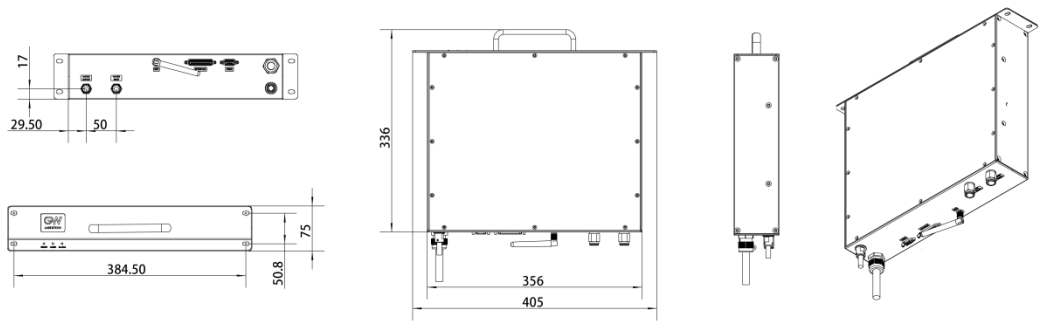
976 EO conversion efficiency≥40%	High integration	M^2≤1.4	Remote Iot access

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Product specification parameter	YLLS-1500-W
Output Power (watt)	1500
Operating Mode	CW/Pulse
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	$M^2 \leq 1.4$
Interface Type	QBH
Delivery Fiber Core Diameter (conventional configuration, optional)	25um
Cooling Method	Water-cooling
Ambient Temperature Range (℃)	5-45
Input Voltage	220VAC/50Hz
Dimension (mm)	405 x 336 x 75(L×W×H)
Weight (kg)	15

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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