LASER TECH™

Lite

Air Cooled Fiber Laser

YLLS-500-F

Efficient air-cooled cooling system, stable output, without the need for a water cooler, reducing the size of the equipment and the difficulty of maintenance. At the same time, it adopts a new appearance design, compact structure, small volume and lighter weight. The use of high temperature chip technology solutions to support long-term welding work.



Advantages

- Working environment temperature -10~40℃, can run stably for a long time;
- New design, compact structure, easy to integrate;
- Air-cooled heat dissipation, no need for water cooler, maintenance-free.

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 appearance design, small and light
- Anti-high reaction technology, can weld high reaction materials
- No chiller, power to use, low power consumption
- Optical fiber structure, maintenance-free, long service life of equipment

Applications

Suitable for industrial cutting, welding and scientific research and other fields, widely used in kitchen, guardrail, doors and Windows, shelves and other hardware processing market.

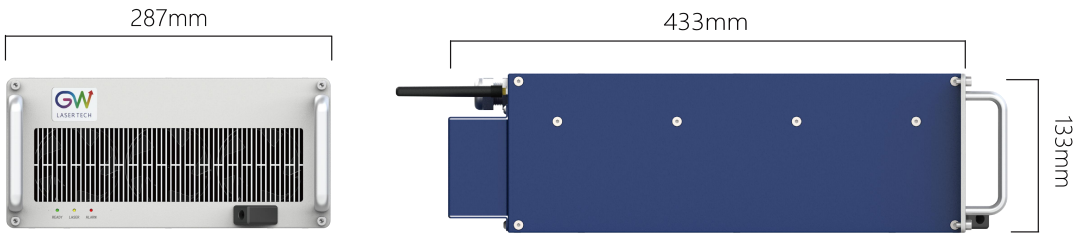
976 EO conversion efficiency≥40%	Can process high anti materials	Maintenance-free	Highly integrated

Air Cooled Fiber Laser

YLLS-500-F

Product specification parameter	YLLS-500-F
Output Power (watt)	500
Operating Mode	CW/Pulse
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Maximum modulation frequency	10kHz
Output core diameter	20um
Delivery Fiber Core Diameter (conventional configuration, optional)	10±0.5m
Beam Quality	$M^2 \leq 1.3$
Interface type	RQB/QBH
Input Voltage	DC56V
Dimension (mm)	287 x 433 x 133 (L×W×H)
Weight (kg)	22.5

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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