LASER TECH™

Multi-mode Fiber Laser

YLIM-6000-W

The multi-module continuous fiber laser adopts 976nm high efficiency bidirectional pumping technology, multi-module design, stable operation, less faults and convenient later maintenance, and high EO conversion efficiency. Compact volume, high space utilization rate, high cutting efficiency, fast piercing speed, more delicate cutting surface, strong welding ability.

Advantages

- Adopts mature and stable multi-module design, high product design standards, large design redundancy, more stable operation;
- Meet the needs of various metal materials processing, widely used in laser cutting, laser welding, laser cladding and other fields;
- EO efficiency of the whole machine ≥42%, high long-term economic benefit, energy saving.

Applications

Widely used in laser cutting, laser welding, laser cladding, laser brazing, laser surface heat treatment, etc., the application of hardware, medical, automotive, shipbuilding, aviation, construction machinery and other fields.

GW's standard certification laser series is based on professional performance, and the design standards pursue parity with international first-line brands. For the international market and high-end user groups, the product design meets the relevant international certification standards, and provides global service network protection services.

- 976nm high efficiency bidirectional pumping technology, EO efficiency ≥42%
- SPP ultra-high pulse patent, greatly improve drilling efficiency
- 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	Power closed loop control	Custom waveform output

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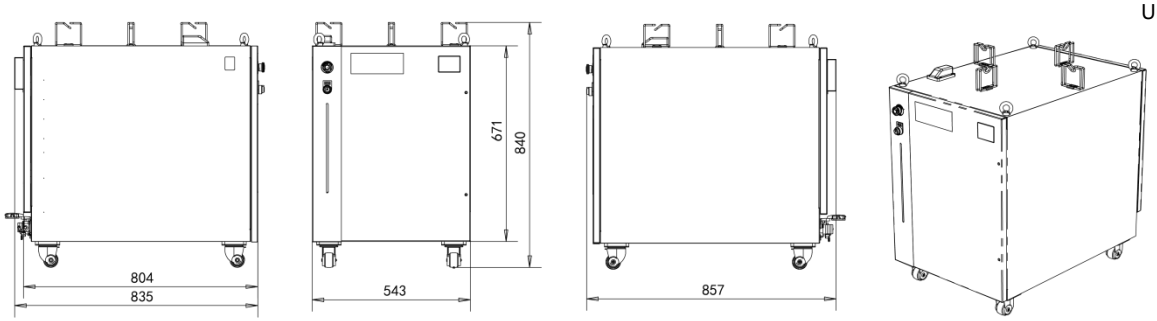
Product specification parameter	YLIM-6000-W
Output Power (watt)	6000
Operating Mode	CW/Pulse/Built-in program
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1070±10
Beam Quality	BPP≤4
Interface Type	QBH/Q+
Delivery Fiber Core Diameter (conventional configuration, optional)	100um
Cooling Method	Water-cooling
Ambient Temperature Range (℃)	5-45
Input Voltage	380VAC/50Hz
Dimension (mm)	857x 543 x 840 (L×W×H)
Weight (kg)	260

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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