GW LASER TECH™



Multi-mode Fiber Laser

YLLM-Plus-30000-W

YLLM-Plus-30000-W is a compact volume, good beam quality, maintenance-free high power fiber laser, with excellent thick plate cutting performance, air cutting faster, higher perforation efficiency.

Advantages

- New platform, smaller volume, higher integration;
- Multi-module design, stable operation, less failure;
- Power fluctuation less than 5%, response speed <25us, photoelectric efficiency ≥40%;
- The Plus version is specially optimized for laser cutting applications for higher processing efficiency.

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 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.

- Multi-module design, a single module can still run sustainably when the exception is closed
- CHF technology， improve cutting speed and meet cutting consistency requirements
- 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

EO conversion efficiency≥42%	Easily process high anti materials	AC-driven laser modularity	More uniform laser output energy

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Product specification parameter	YLLM-Plus-30000-W
Output Power (watt)	30000
Operating Mode	CW/Pulse
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Beam Quality	BPP≤5
Interface Type	Q+
Delivery Fiber Core Diameter (conventional configuration, optional)	100um
Cooling Method	Water-cooling
Ambient Temperature Range (℃)	5-45
Input Voltage	380VAC/50Hz
Dimension (mm)	690 x 870 x 1280 (L×W×H)
Weight (kg)	580



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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