LASER TECH™

# Multi-mode Fiber Laser

## YLPM-40000-W

YLPM-40000-W EO conversion efficiency is high, design redundancy, long-term use of low attenuation rate, using multi-module design, can achieve module independent control, 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

- Each single module,separately control,lower machine halt risk
- ABR technology for various high-reflective material
- Multi-mode design,optimized optical fiber coupling technique,lower fault rate
- More power margin, more stability

## 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.

The professional performance laser series of GW is aimed at customers who have the pursuit of product performance indicators, the replacement of imported products or the product functionality requirements. Product design to the first-line brand, with better product performance indicators, perfect functions, design redundancy is greater, to provide customers with more value-added space.

- 976nm high efficiency pumping technology, EO efficiency ≥42%
- 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

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|---|---|---|---|
| 976 EO conversion efficiency≥42% | ABR Easily process high anti materials | Power closed loop control | Custom waveform output |

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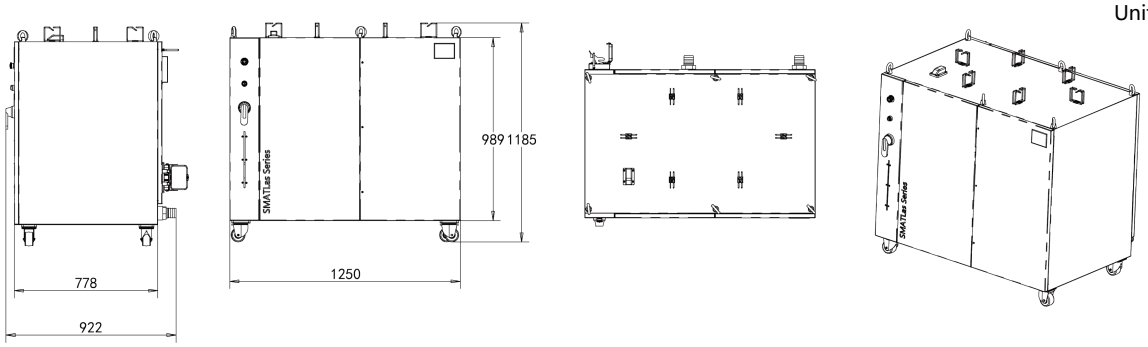
## YLPM-40000-W

| Product specification parameter | YLPM-40000-W |
|---|---|
| Output Power (watt) | 40000 |
| Operating Mode | CW/Pulse/Built-in program |
| Output Power Range (%) | 1-100 |
| Output Laser Wavelength (nm) | 1070±10 |
| Beam Quality | BPP≤6 |
| Interface Type | Q+ |
| Delivery Fiber Core Diameter (conventional configuration, optional) | 150um |
| Cooling Method | Water-cooling |
| Ambient Temperature Range (℃) | 5-45 |
| Input Voltage | 380VAC/50Hz |
| Dimension (mm) | 922x 1250 x 1185 (L×W×H) |
| Weight (kg) | < 980 |

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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