

CW Fiber Laser

SINGLE MODULE

1500 W

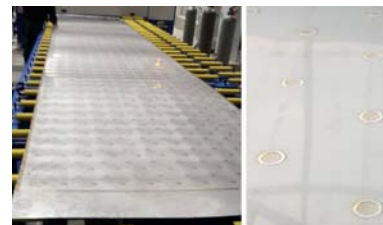


This compact, lightweight device features a high-efficiency photoelectric module, advanced electric control system, microsecond pulse response, and expert-level laser analysis for optimal performance and ease of use.

► Features

- Mainly for laser welding, cutting, etc.
- Core diameter 25/50μm, customizable
- Compact structure & High-intensity laser beam
- Flat-top beam and uniform energy distribution, resulting in better welding effects

► Sample Display



Technical Parameters

CW Fiber Laser - Single Module

Optical Parameters

Power	1500 W
Wavelength	1080 nm
3DB Bandwidth	3 ± 1 nm
Output Connector	QBH
Output Fiber Diameter	20/50 µm (Customizable)
Output Fiber Length	10 m (Customizable)
Electro-optical Conversion Rate	> 40 %
Power Stability	± 1 %
Beam Quality	M ² ≤ 1.4 / BPP ≤ 2

General Parameters

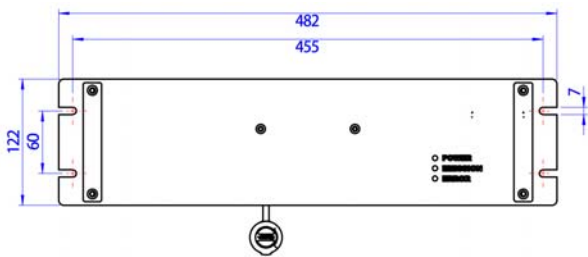
Operating Voltage	AC 220 V, 50 Hz
Control Mode	External Control Interface / Network Port / Bus Control
Cooling	Water Cooling

Physical Properties

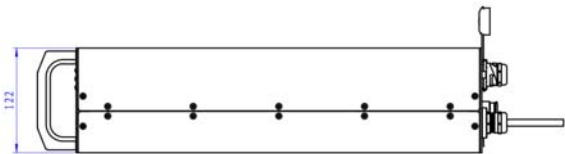
Console Dimensions	482 mm × 548 mm × 122 mm (including handles) (L × W × H)
Laser Weight	< 35 kg

► All specifications are typical data and subject to change without notice due to product improvements.

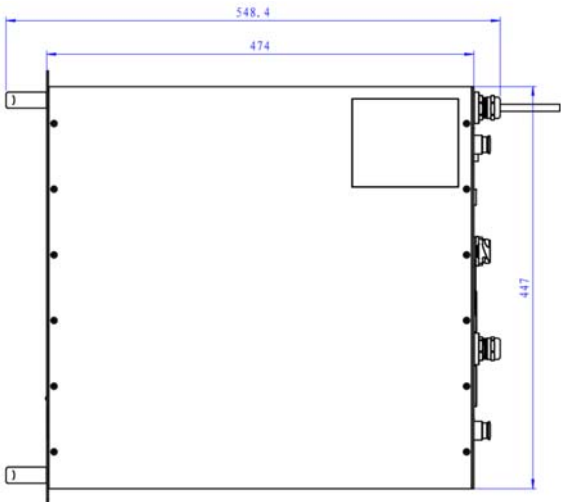
Laser Dimensions (mm)



Front View



Side View



Top View