

CW Fiber Laser

MULTI MODULE

12000 W



This laser features high power stability, > 40 % efficiency, and a smart control system for real-time monitoring and microsecond response, enhancing performance while saving energy.

► Features

- Mainly for cutting, welding, cladding, etc.
- Core diameter 100 μm , customizable
- Great anti-reflection capability, no need to worry about processing high-reflection material
- High reliability, long life period, and free-operation maintenance

► Sample Display



Technical Parameters

CW Fiber Laser - Multi Module

Optical Parameters

Power	12000 W
Wavelength	1080 nm
3DB Bandwidth	6 ± 1 nm
Output Connector	Q+ / HPC
Output Fiber Diameter	100 μm (Customizable)
Output Fiber Length	25 m (Customizable)
Electro-optical Conversion Rate	> 40 %
Power Stability	± 1 %
Beam Quality	BPP < 4

General Parameters

Operating Voltage	360 ~ 440 V, 50/60 Hz
Control Mode	External Control Interface / Network Port / Bus Control
Cooling	Water Cooling

Physical Properties

Console Dimensions	535 mm × 1110 mm × 650 mm (excluding casters) (L × W × H)
Laser Weight	< 270 kg

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

Laser Dimensions (mm)

