

# CW Fiber Laser

## Single Module

500 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

- Compact structure, light weight and rich interfaces
- Mainly for the additive manufacturing industry (3D printing)
- Power range 500W to 1000W (core diameter 14µm, customizable)
- Single-mode/multi-mode adjustable laser spot supports the printing of large structural parts and complex details

### Applications



## Parameters

CW Fiber Laser - Single Module	
<b>Optical Parameters</b>	
Power	500 W
Wavelength	1080 nm
3DB Bandwidth	3 $\pm$ 1 nm
Output Connector	QBH / QCS
Output Fiber Diameter	14 $\mu$ m (Customizable)
Output Fiber Length	10 m (Customizable)
Electro-optical Conversion Rate	> 40 %
Power Stability	$\pm$ 1 %
Beam Quality	M <sup>2</sup> < 1.1
<b>General Parameters</b>	
Operating Voltage	AC 220 V, 50 Hz
Control Mode	External Control Interface / Network Port / Bus Control
Cooling	Water Cooling
<b>Physical Properties</b>	
Console Dimensions	482 mm $\times$ 512 mm $\times$ 122 mm (including handles) (L $\times$ W $\times$ H)
Laser Weight	< 20 kg

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

## Laser Dimensions (mm)

