MFSC
300W
Single Module CW Fiber Laser (3D Printing)

Product Feature

Up to 6KW Output From CW Single Module Series
Better beam quality vs. multi module lasers
Greatly improved efficiency

Excellent Material Processing Performance
High speed in thin sheet cutting
Strong capability in thick material processing

Compact Design, Maintenance Free
Highly integrated system with modular design
Easy maintenance significantly reduce TCO

Smaller Size with Higher Stability
>60% reduction in volume
Higher flexibility when integrated in to system

High Level Vertical Integration
All key components are designed and produced in house
Strict quality control, high consistency and reliability

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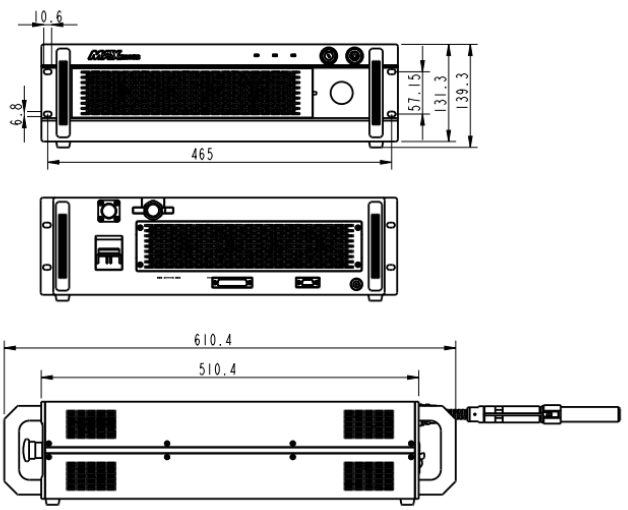
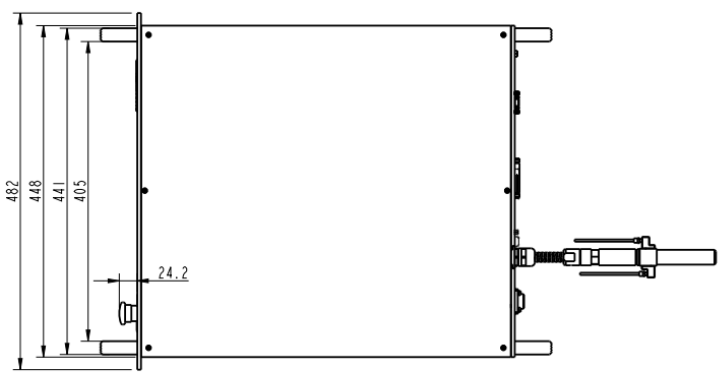
MFSC 300W Fiber Laser Specifications

Model	MFSC-300W
	OPTICAL SPECIFICATIONS
Nominal Power	300W
Mode of Operation	CW/Modulated
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1080 ± 10 nm
Power Stability	±1 %
Laser Beam Quality M^2	1.1 to 1.2
Modulation Frequency	20~50kHz
Preview Red Light Power	150μW
	FIBER DELIVERY SYSTEM
Interface	QCS/QBH(LOC)
Length	2m standard, other lengths optional
Diameter	20(25/30/50) μm
Bending Radius	200 mm
	ELECTRICAL RATINGS
Supply Voltage	220VAC (-15% to +10%) Single-phase
	OTHER SPECIFICATIONS
Operating Temperature	0 to +35°C
Storage Temperature	-10 to +60°C
Humidity	10 to 90%
Cooling Method	Air Cooling
Dimension	482×610.4×139.3 mm
Weight	26 kg

Mechanical Specifications (mm)





Maxphotonics Co.,Ltd.
Address: Maxphotonics Industrial Park, 3rd Furong Road,
Furong Industrial Area, Shajing, Bao'an, Shenzhen, China.518125
E-Mail: sales@maxphotonics.com http://en.maxphotonics.com

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The picture and the technical parameter are just for your reference. Please be subject to the actual products if anything different or updated.