

# MFP

## 100W~200W

### Q-Switch Pulsed Fiber Laser



## Product Feature



### Excellent Single Pulse Energy

Higher single pulse energy makes our laser applicable to more types of materials and applications



### New Compact and Rugged Design

>40% reduction in volume  
Higher flexibility when integrated into system



### Wide Application Even with Highly Reflective Material

High performance isolator effectively reduces reflection damage to the laser source  
Smoothly marking on aluminum, copper and brass etc



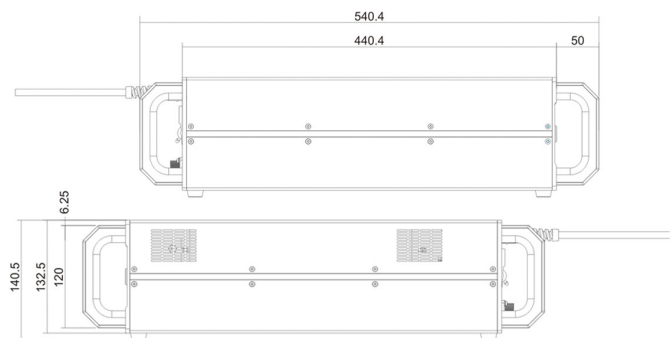
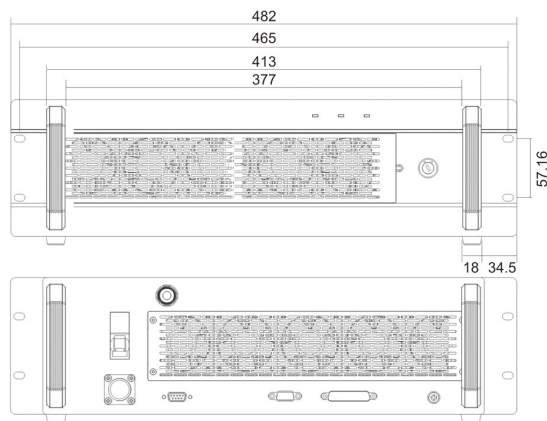
### High Level Vertical Integration

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

## MFP 100W~200W Fiber Laser Specifications

Models	MFP-100W	MFP-200W
<b>OPTICAL SPECIFICATIONS</b>		
Nominal Power	100W	200W
Mode of Operation	Pulsed	
Polarization	Random	
Power Tunability	5 to 100%	
Wavelength	1064 ± 5 nm	
Power Stability	≤ 5 %	
Laser Beam Quality M <sup>2</sup>	≤ 2@1.5 mJ	
Pulse Energy	1.5~5 mJ	1.5~8 mJ
Pulse Duration	90~130 ns	120~160 ns
Repetition Rate	20~200 kHz	20~230 kHz
Full Power Repetition Rate	20@5mj	25@8mj
<b>FIBER DELIVERY SYSTEM</b>		
Length	5m standard, other lengths optional	
Beam Diameter	5~8mm	
Beam Ellipticity	90%	
<b>ELECTRICAL RATINGS</b>		
Supply Voltage	220 VAC Single-phase	
<b>OTHER SPECIFICATIONS</b>		
Operating Temperature	+10 to +35°C	
Storage Temperature	-10 to +60°C	
Humidity	10 to 95%	
Cooling Method	Air Cooling	
Dimension	540×482.6×141.5 mm	
Weight	23 ± 0.5 kg	

## Mechanical Specifications (mm)



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