

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



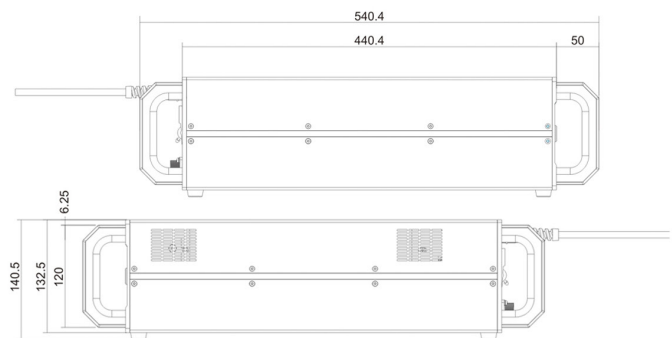
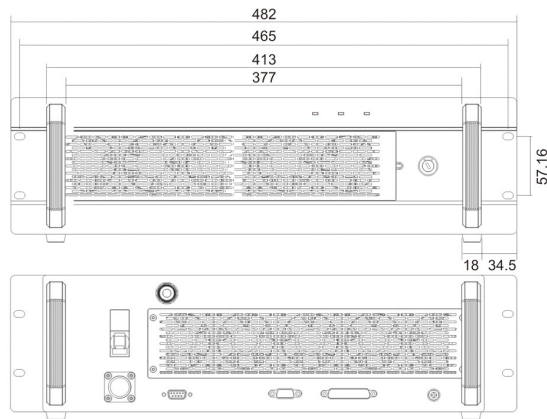
High Level Vertical Integration

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
OPTICAL SPECIFICATIONS		
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 ²	≤ 2@1.5 mJ	
Pulse Energy	1.5~8 mJ	
Pulse Duration	150~190 ns	180~220 ns
Repetition Rate	20~200 kHz	30~200 kHz
Full Power Repetition Rate	15 @6.7 mJ	30 @6.7 mJ
FIBER DELIVERY SYSTEM		
Length	5m standard, other lengths optional	
Beam Diameter	5~9 mm	
Beam Ellipticity	90%	
ELECTRICAL RATINGS		
Supply Voltage	220 VAC Single-phase	
OTHER SPECIFICATIONS		
Operating Temperature	+10 to +35°C	
Storage Temperature	-10 to +60°C	
Humidity	10 to 95%	
Cooling Method	Air Cooling	
Dimension	540.4×482.6×131.3 mm	
Weight	21 kg	

Mechanical Specifications (mm)



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