

MFPT

100H/120P/200P

MOPA Pulsed Fiber Laser



Product Feature



New Generation Optical Path Design

New core technology of fiber gain control



High Output Power

Greatly improved single pulse energy



Compact and Rugged Design

Maintenance free Operation



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



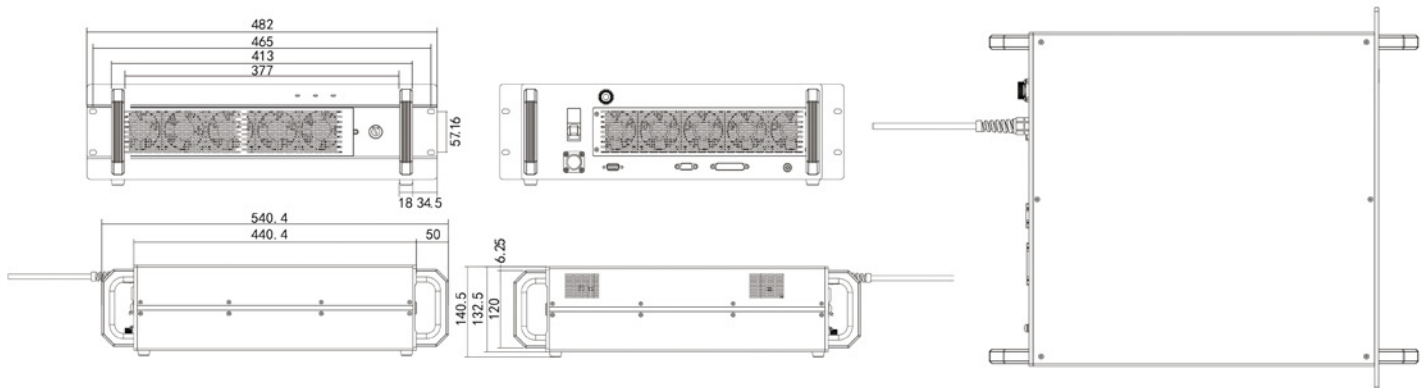
High Level Vertical Integration

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

MFPT 100H/120P/200P Fiber Laser Specifications

Models	MFPT-100H	MFPT-120P	MFPT-200P
OPTICAL SPECIFICATIONS			
Nominal Power	100W	120W	200W
Mode of Operation	Pulsed		
Polarization	Random		
Power Tunability	10 to 100%		
Wavelength	1064 nm		
Power Stability	≤ 5 %		
Laser Beam Quality	1.4~1.8		
Pulse Energy	1 mJ	1.33 mJ	
Pulse Duration	10~350 ns	60~350 ns	
Repetition Rate	1~2000 kHz	1~1000 kHz	
FIBER DELIVERY SYSTEM			
Length	5m standard, other lengths optional		
Beam Diameter	6~9mm		
ELECTRICAL RATINGS			
Supply Voltage	220 VAC Single-phase		
OTHER SPECIFICATIONS			
Operating Temperature	0 to +40°C		
Storage Temperature	-10 to +60°C		
Humidity	10 to 95%		
Cooling Method	Air Cooling		
Dimension	540×482.6×141.5 mm		
Weight	21 kg		

Mechanical Specifications (mm)



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