

# MFPT

## 100~300M+

### 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 100~300M+ Fiber Laser Specifications

Models	MFPT-100 M+	MFPT-120 M+	MFPT-150 M+	MFPT-200 M+	MFPT-250 M+	MFPT-300 M+
OPTICAL SPECIFICATIONS						
Nominal Power	≥ 100W	≥ 120W	≥ 150W	≥ 200W	≥ 250W	≥ 300W
Mode of Operation	Pulse & Continuous					
Polarization	Random					
Power Tunability	10 to 100%					
Wavelength	1060~1070nm					
Power Stability	<5 %					
Laser Beam Quality M2	<1.6, typical value 1.3					
Pulse Energy	1.8 mJ					
Pulse Duration	10~500 ns					
Repetition Rate	1~4000 kHz					
FIBER DELIVERY SYSTEM						
Length	5m standard, other lengths optional					
Beam Diameter	5~7mm				8±1mm	
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	490.4×422×131.3 mm					
Weight	25 kg					

## Mechanical Specifications (mm)

