

# MFPT 30~70M

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 30~70M Fiber Laser Specifications

Models	MFPT-30M	MFPT-50M	MFPT-70M
<b>OPTICAL SPECIFICATIONS</b>			
Nominal Power	≥ 30W	≥ 50W	≥ 70W
Mode of Operation	Pulsed		
Polarization	Random		
Power Tunability	10 to 100%		
Wavelength	1066±3 nm		
Power Stability	<5 %		
Laser Beam Quality	≤ 1.3	≤ 1.4	≤ 1.5
Pulse Energy	1 mJ	1 mJ	1 mJ
Pulse Duration	2~350 ns	2~500 ns	
Repetition Rate	1~4000 kHz		
<b>FIBER DELIVERY SYSTEM</b>			
Length	3m standard, other lengths optional		
Beam Diameter	5~7mm		
<b>ELECTRICAL RATINGS</b>			
Supply Voltage	24 VDC		
<b>OTHER SPECIFICATIONS</b>			
Operating Temperature	0 to +40°C		
Storage Temperature	-10 to +60°C		
Humidity	10 to 95%		
Cooling Method	Air Cooling		
Dimension	355×266×120 mm		
Weight	8kg	11 kg	

## Mechanical Specifications (mm)

