

# MFP 30W

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 30W Fiber Laser Specifications

Model	MFP-30W
OPTICAL SPECIFICATIONS	
Nominal Power	30W
Mode of Operation	Pulsed
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1064 ± 5 nm
Power Stability	≤ 3 %
Laser Beam Quality M <sup>2</sup>	<1.6
Pulse Energy	1 mJ
Pulse Duration	80~100 ns
Repetition Rate	29kHz~81kHz
FIBER DELIVERY SYSTEM	
Length	1.9~3m standard, other lengths optional
Beam Diameter	6~8 mm
Beam Ellipticity	>90%
ELECTRICAL RATINGS	
Supply Voltage	24 VDC
OTHER SPECIFICATIONS	
Operating Temperature	+10 to +42°C
Storage Temperature	-10 to +60°C
Humidity	10 to 95%
Cooling Method	Air Cooling
Dimension	287mm X 219mm X 94.61mm
Weight	6±0.5 kg

## Mechanical Specifications (mm)

