

## **Product Feature**



#### **All-fiber Structure**

Compact and rugged design for long time operation



### **Adjustable Pulse Width Waveform**

The output waveform can be customized according to different welding or cutting applications



### **Compact Design, Maintenance Free**

Plug and play, higher flexibility when integrated into system



#### **High Level Vertical Integration**

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



## Characteristic Parameters

Models	MFSQ-75/750W	MFSQ-150/1000W
	OPTICAL	SPECIFICATIONS
CW Mode Max Power	75W	150W
Pulsed Mode Max Power	750W	1000W
Mode of Operation	CW/Modulated	
Polarization	Random	
Power Tunability	10 to 100%	
Wavelength	1080 $\pm$ 10 nm	
Power Stability	2 %	
Laser Beam Quality M <sup>2</sup>	1.2	1.3(20um)
Pulse Energy	7.5 J	25 J
Pulse Duration	0.1~50 ms	
Repetition Rate	1~5000 Hz	
Preview Red Light Power	100 μW	
	FIBER D	ELIVERY SYSTEM
Interface	QBH (LOC)	
Length	10 m standard, other lengths optional	
Diameter	14/20/50 μm	
Bending Radius	200 mm	
	ELECT	RICAL RATINGS
Supply Voltage		220VAC
Peak Power Consumption	2 KW	2.5 KW
	OTHER	SPECIFICATIONS
Operating Temperature	+10 to +40°C	
Storage Temperature	-10 to +60°C	
Humidity	10 to 85%	
Cooling Method	Air Cooling	
Dimension	586×420×142 mm	536×357×130.4 mm
Weight	30 kg	32 kg

# Mechanical Specifications (mm)

