

# Green series 532nm fiber green laser



**4-5W**

The laser power

**6-8ns**

The pulse width maintains

**20000hrs<sup>+</sup>**

The service life

## Introduction

The repetition rate 20-30kHz, the pulse width maintains at 6-8ns, lower processing heat, higher peak power, better processing capacity.

## Features

- The laser power 4-5W;
- Narrow pulse width, low thermal effect of processing, not easy to cause scorch on the plastic surface;
- High peak power, strong processing ability, capable of processing more materials;
- Air-cooled structure, compact laser head, compatible with the optical path of fiber laser;
- Service life > 20000 hours.

## Application

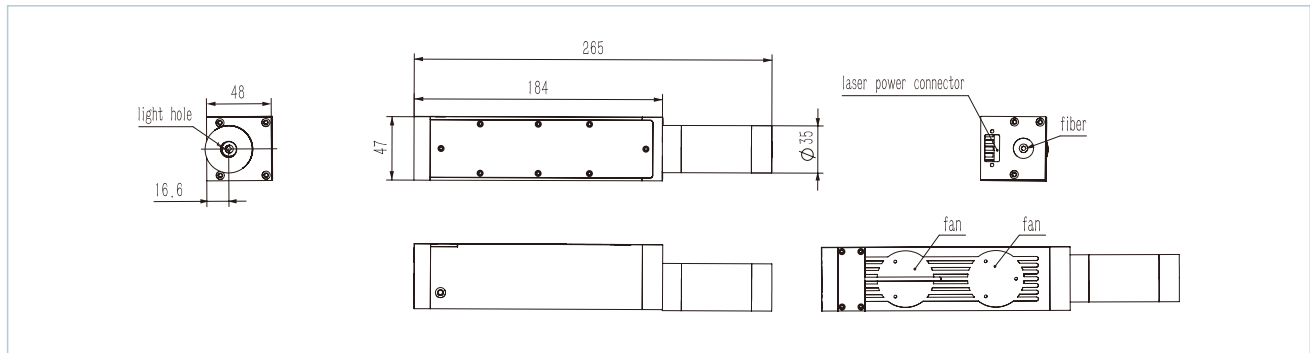
- Packaging films marking
- Gold-plated surface blackening treatment
- Metallic materials marking
- 3C product surface marking



## Specifications

Model No.	MMEPGF-532-5L
<b>Optical Characteristics</b>	
Wavelength (nm)	532nm ± 1nm
Average Power (W)	5 ± 0.5W@20kHz
Single Pulse Energy (uJ)	200-250uJ@20kHz
Pulse Width (ns)	~7ns@20kHz
Repetition Rate	Uncontrollable, range 20-30kHz
Pulse Stability	<3% rms
Long Term Stability	<±3%
<b>Beam Characteristics</b>	
Polarization Ratio	linear;>100:1
Beam Diameter	6mm
Beam Circularity	>90%
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> <1.2
<b>Operating Specifications</b>	
Warm-up Time	<15 minutes from cold start
Electrical Requirement	DC12V, >200W
Ambient Temperature	10-35°C, RH<80%
Storage Conditions	-10-40°C, RH<90%
<b>Physical Characteristics</b>	
Cooling System	Air-Cooled

## Dimensional Drawings



## Driver

