

Industrial Laser System for Material Processing

Flux S Series



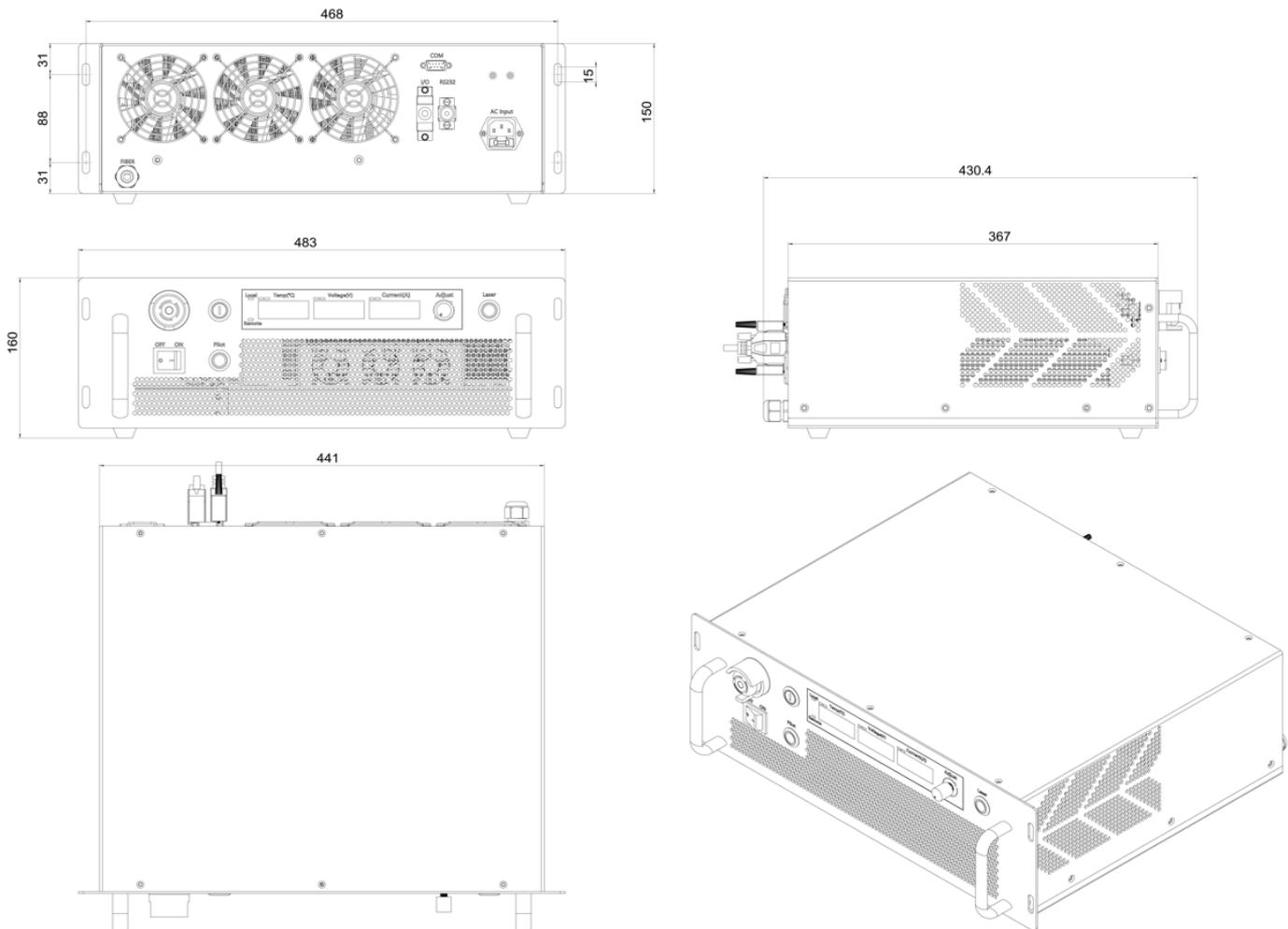
Features

- Small size
- High efficiency
- Great power
- Long product life

Applications

- Laser soldering
- Plastic welding
- Material surface treatment

Product Dimensions (mm)



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

Product Specifications

Product Code **FLX000014**
Part No. ¹ FL-Flux-S150NA-976-F200-5

General Data	Unit	
Dimensions (height × width × depth)	mm	160 × 483 × 367
Max. Weight	kg	≤ 25

Optical Data	Unit	
Output Power ²	W	150
Power Stability	%	± 2
Wavelength	nm	976
Wavelength Tolerance	nm	± 10
Optical Efficiency	%	≥ 45
Red Light Power	mW	10
Fiber Diameter	µm	200
Numerical Aperture	-	≤ 0.22
Fiber Length ³	m	5
Fiber Winding Diameter	mm	≥ 40
Connector Type	-	SMA905

Electrical Data	Unit	
Operating Mode	-	CW/QCW
Modulation Frequency	Hz	≤ 20K
Operating Voltage	VAC	220 - 240
Operating Frequency	Hz	50
Operating Current	A	16
Rise/Fall Time	µs	≤ 20
Response Time	µs	≤ 10
Control Mode	-	Analog Control/RS232
Max. Power Consumption ⁴	W	≤ 500

Thermal Data	Unit	
Operating Temperature	°C	5 ~ 40
Storage Temperature	°C	- 20 ~ 65
Operating Humidity	%rh	10 - 80
Chiller Type	-	Air

¹ Part No. = Brand Code - Series & Power - Wavelength - Fiber Diameter - Fiber Length

² Unless otherwise specified, the laser power is measured at 25°C.

³ The fiber length can be customized according to the customer needs.

⁴ The Max. power consumption includes laser power consumption and temperature control module power consumption.

