

# Direct Diode Laser System – DDLM

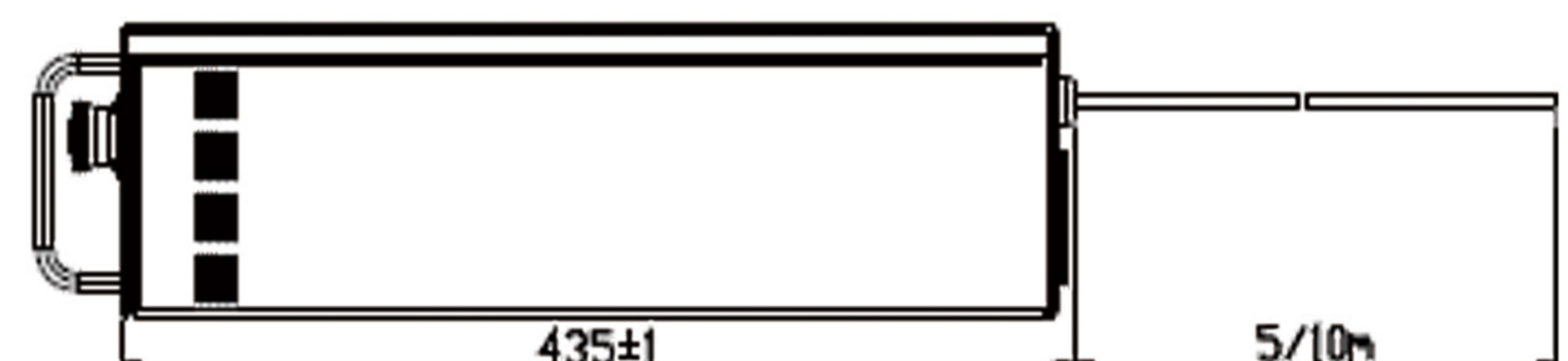
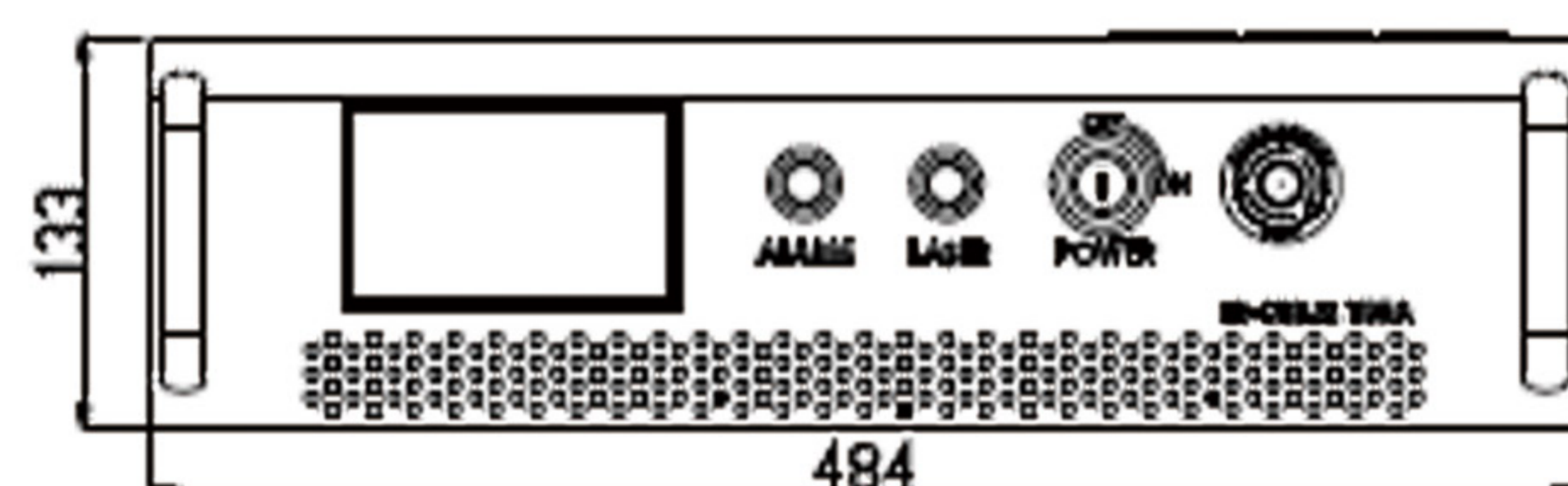
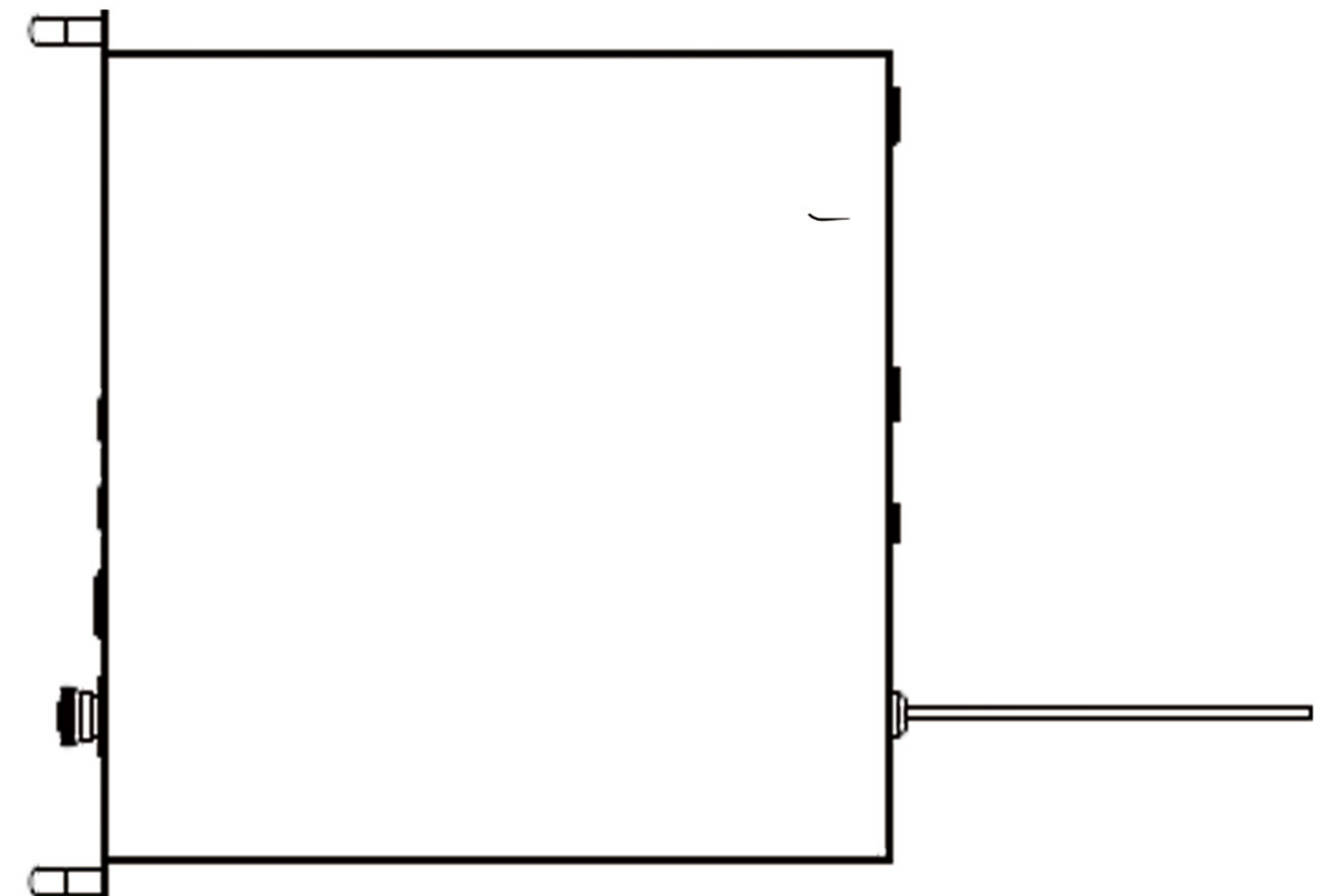
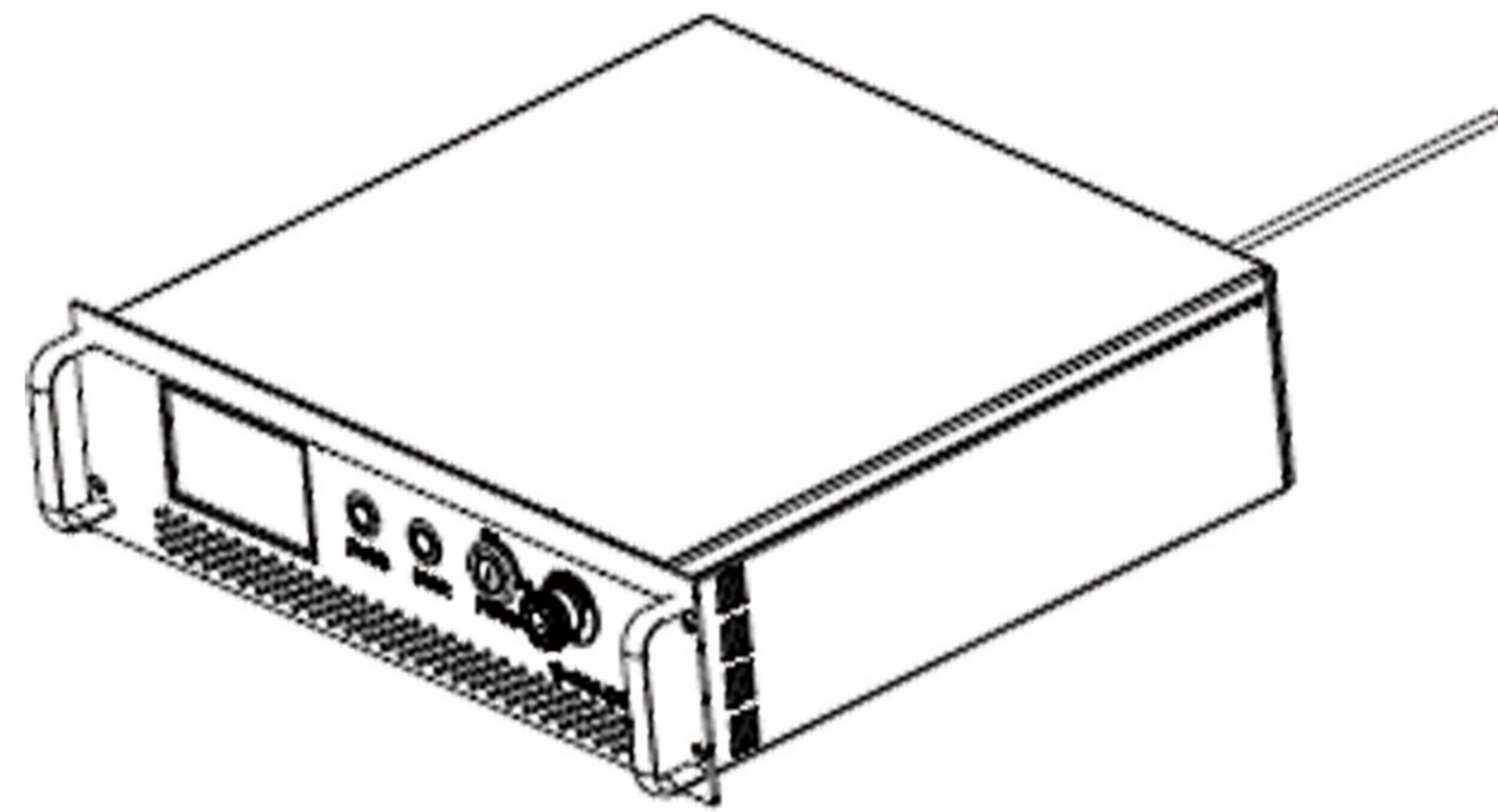


## Application

Tin Soldering      Plastic Welding  
Heat Curing

## Features

High Efficiency      High Stability  
Red Indicator      Long lifetime  
Compact Size





DDL M Serial		Item Number <sup>1</sup> EB-DDLM 100A		
Parameter	Unit	Min	Type	Max
<b>Optical<sup>2</sup></b>				
Center Wavelength	nm		9XX	
Wavelength Tolerance	nm		± 10	
Output Power <sup>4</sup>	W		100	
Output Power Unstability	%		1	
Power Adjusting Range	%	10		100
Fiber Core	μm		200	
Numerical Aperture	NA		0.18	
Fiber Connector	-		SMA905	
Fiber Length	m		5	
<b>Aming Beam<sup>2</sup></b>				
Wavelength	nm		650	
Output Power	mW		10	
<b>Electrical</b>				
Operation Mode	-		CW/Modulate	
Modulate Frequency	KHZ	10		50
Input Voltage	-		220VAC ± 10%, 50/60HZ	
Input Power	W		400	
<b>Thermal</b>				
Operation Temperature <sup>3</sup>	°C	5		40
Storage Temperature <sup>3</sup>	°C	-25		55
Environmental Humidity	-		Max70%@25°C	
Cooling System	-		Air Cooling (TEC)	
<b>Others</b>				
Dimension	mm		484 X 133 X 430	
<b>Notes</b>				
1. Expla nation of Item Number: EB (Everbright In Short) - DDL M (Direct diode laser system Hundred watt level platform) - 100A (Output Power is 100W, product version is A)				
2. Above Data Test at 25°C, Unless otherwise stated.				
3. Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.				
4. Lifetime reduced if exceed nominal output power.				
版本号: XT01-1811B-R01				



Suzhou Everbright Photonics Co., Ltd  
 Bldg 2, No. 189, Kunshanshan Road,  
 Suzhou Science&Technology Town,  
 Suzhou New District

www.everbrightphotonics.com  
 sales@everbrightphotonics.com  
 +86-512-69372570



Notice: Everbright keep improving its products to provide our customers with outstanding quality and reliability. We may change the specification and product description without notice at any time . For complete details, please contact Everbright sales representative.