

# Direct Diode Laser System – DDLF

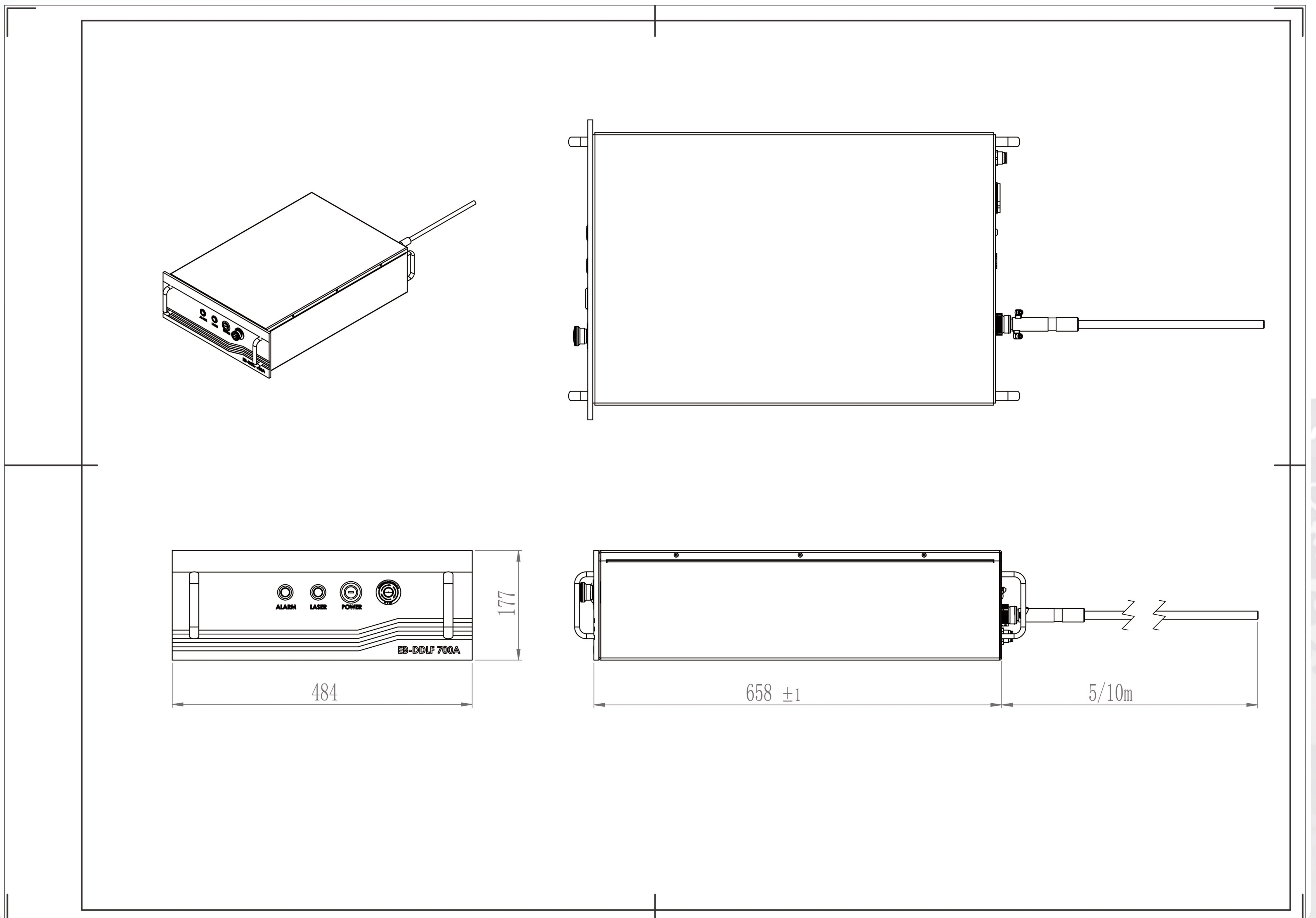


## Application

Welding of Metals      Cladding  
Surface Treatment

## Features

High Brightness      High Efficiency  
Red Indicator      Long lifetime  
Compact Size





DDLDF Serial		Item Number <sup>1</sup> EB-DDLF 1000A		
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		1000	
Output Power Unstability	%		3	
Power Adjusting Range	%	10		100
Fiber Core	μm		300	
Numerical Aperture	NA		<0.2	
Fiber Connector	-		QBH	
Fiber Length	m		10	
<b>Aming Beam</b>				
Wavelength	nm		650	
Output Power	mW		5	
<b>Electrical</b>				
Operation Mode	-		CW/Modulate	
Modulate Frequency	KHZ		10	
Input Voltage	-		380VAC±10%, 50/60HZ	
Input Power	W		3000	
<b>Thermal</b>				
Operation Temperature <sup>3</sup>	°C	5		40
Storage Temperature <sup>3</sup>	°C	-25		55
Environmental Humidity	-		70%@25°C	
Cooling System	-		Water Cooling	
<b>Others</b>				
Dimension	mm		484 X 177 X 660	
<b>Notes</b>				
1. Expla nation of Item Number: EB (Everbright In Short) - DDLF (Direct diode laser system Medium power platform) - 1000A (Output Power is 1000W, 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 impacted.				
4. Lifetime reduced if exceed nominal output power.				
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