

CYL-1000/1200A Air Cooled CW Fiber Laser› **PRODUCT FEATURE AND SPECIFICATIONS:**

- IIoT-Enabled Remote Monitoring
- Superior Beam Quality for Precision Processing
 - Compact, Air-Cooled Design
 - Versatile Material Compatibility
 - Flexible Customization Options
- Laser Cutting.
- Laser Welding.
- Laser 3D Printing
- Laser Brazing.

CINA LASER's CYL-1000/1200A Air Cooled 1.0μm single-mode group continuous fiber laser, adopts latest industry technology and the optimization design, with high electro-optical conversion efficiency, high lifetime, high safety and reliability. The unit with high-quality output beam and strong capability on resisting high-reflective, can be widely used in all kinds of materials of laser cutting, welding, punching, 3D printing and other high-end smart manufacturing.

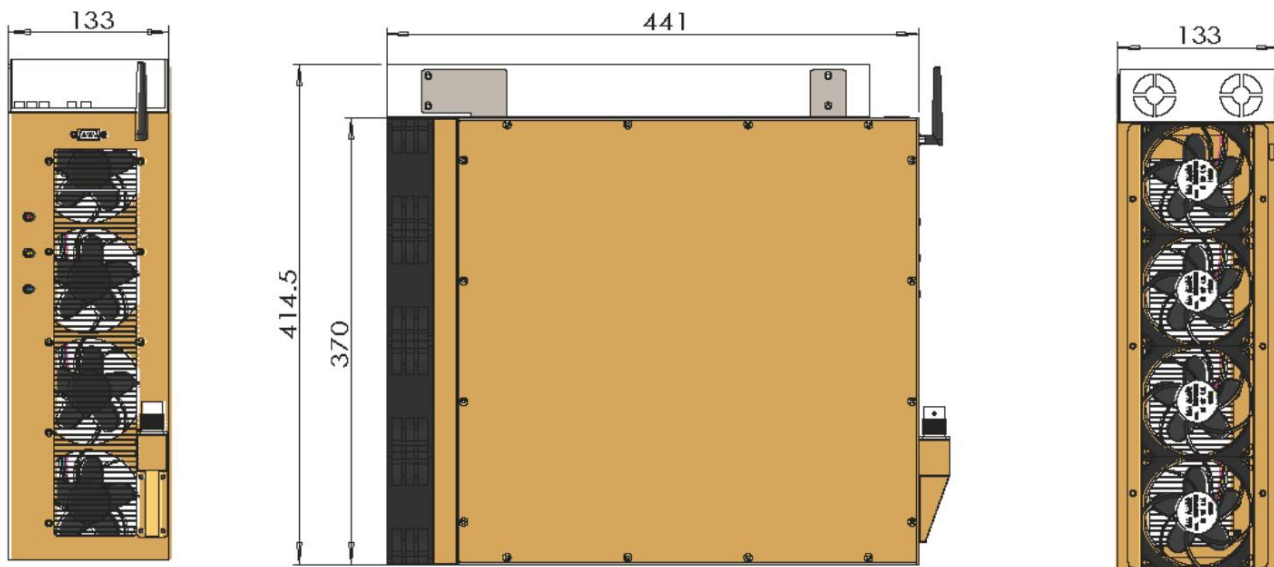
CINA LASER, which is based on Internet technology, established a scientific after-sales service system. Each device has a unique identity code (the internal storage of original technology and material information). Can achieve remote online real-time monitoring; can provide users with equipment fault early warning and efficient technical support and good after-sales service.

CINA LASER's products with high quality, high reliability and excellent cost performance, can meet the requirements of the customer diversification and personalized customization. It also with good after-sales service, is the ideal choice for system integrates and equipment manufacturers.

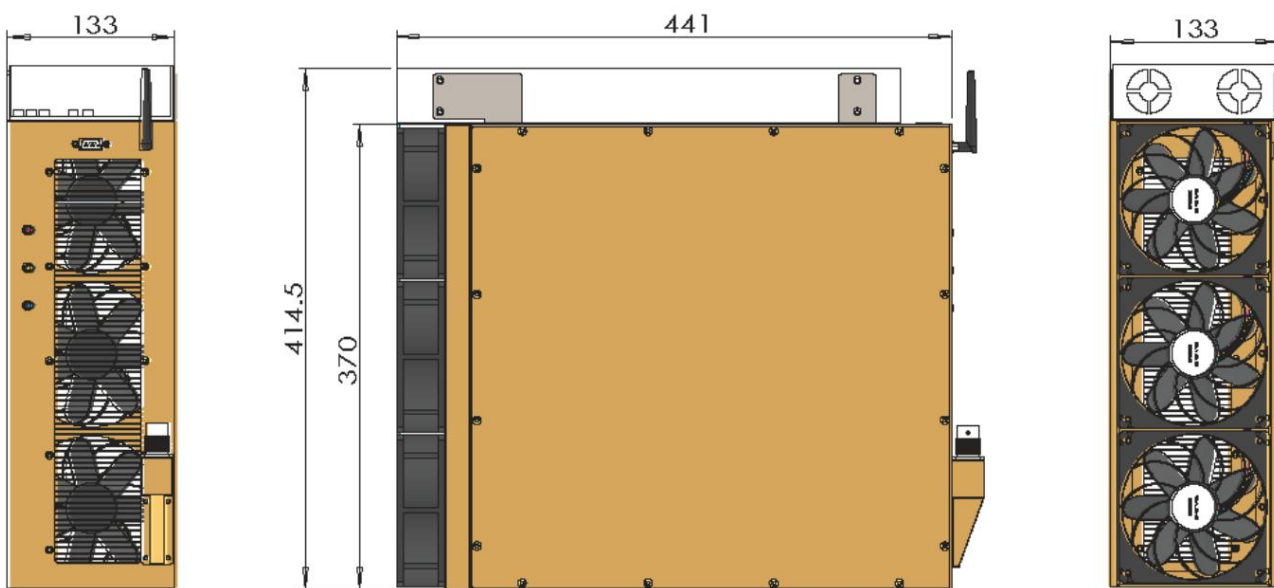
Performance	Unit	Min.	Typ.	Max.	Remarks
Central Wavelength	(nm)	1070	1080	1090	
Spectral Bandwidth	(nm)		3	5	-3db
Output Optical Power	(W)		1000/1200		
Short Time Power Stability	(%)		±1		
Long Time Power Stability	(%)		±2		
Laser Opening Time	(ms)		50~100		
Laser Shutdown Time	(ms)		100~200		
Power Regulation Range	(%)	10		100	
Beam Quality	(M2)		1.2		QBH-20
		2.5		3.5	QBH-50
		6		12	QBH-100
Fiber Numerical Aperture (NA) half angle	(rad)			0.065	QBH-14/20/25
				0.22	QBH-50/100
Modulation Frequency	(KHz)	5		20	100% Output
Red Light Power	(mw)		40	60	
Output Connector			QBH		
Output Fiber Core Diameter	(μm)		20		Customizable
Output Fiber Length	(m)		5		Customizable
Output Cable Bending Radius	(mm)	200			
Work Model			Continuous/Modulation		CW/Modulate
State Of Polarization			Random		Random
Communication Interface			Rs232/Ad /Super Terminal		
Remote Communication			App		Customizable
Power Supply	(V)		220		
Power Consumption	CYL-1000A	(KW)		2.2	220 V, Single-Phase Three-Wire
	CYL-1200A			3.5	
Cooling Mode			Air Cooled		External
Working Ambient Temperature	(°C)	10		40	
Working Environment Humidity	(%)	10		85	
Storage Temperature	(°C)	-10		60	
Structure			Rack		
Weight/Dimensions	(Kg)	<25	(W)×(L)×(H) (mm)		370(414.5)x441x133

CYL-1000/1200A Air Cooled CW Fiber Laser

› DIMENSIONS



CYL-1000/A



CYL-1200/A

DANGER - INVISIBLE LASER
RADIATION AVOID EYE OR SKIN
EXPOSURE TO DIRECT OR
SCATTERED RADIATION
CLASS 4 LASER PRODUCT