

CYL-1000/S 1.0 μ M Single-Mode Group Continuous Fiber Laser

› PRODUCT FEATURE AND SPECIFICATIONS:



- High wall plug efficiency, greatly reduce power consumption
- Strong capability on resisting high-reflective, suitable for different materials processing.
- Remote real-time monitoring.
- High lifetime, high safety and reliability.
- Can achieve personalized customization.
- Excellent after-sales service system.
- Excellent cost performance

- Laser cutting.
- Laser welding.
- Laser cladding.
- Laser brazing.
- Laser thermolizing.

CINA LASER's CYL-1000/S 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.

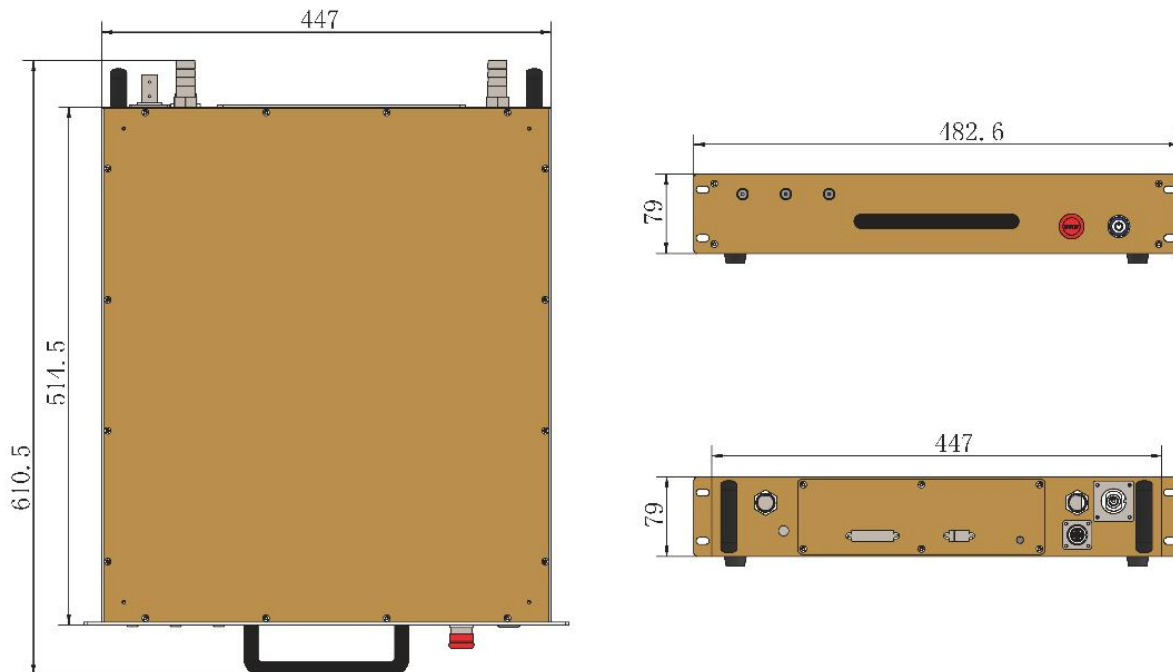
CINA LASER, which is based on Internet technology, established a scientific after-sales service system. Each device has a unique identity code (the internal storage of original technology and material information). Can achieve remote online real-time monitoring; can provide users with equipment fault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

Specification						
Parameter	Unit	Min.	Typ.	Max.	Remarks	
Central Wavelength	(nm)	1070	1080	1090		
Spectral Bandwidth	(nm)		3	5	-3dB	
Output Optical Power	(W)		1000			
Short Time Power Stability	(%)		±1			
Long Time Power Stability	(%)		±2			
Laser Opening Time	(μs)		50~100			
Laser Shutdown Time	(μs)		100~200			
Power Regulation Range	(%)	10		100		
Beam Quality	(M2)			1.2	QBH-20、 25	
Fiber Numerical Aperture (NA) Half Angle	(rad)			0.065	QBH-20、 25	
Modulation Frequency	(KHz)	5		20	100% output	
Red Light Power	(mW)	5		60		
Output Connector			QBH			
Output Fiber Core Diameter	(μm)		20		Customizable	
Output Fiber Length	(m)		10	15	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	(KW)			3.0	220 V, Single-phase three-wire	
Cooling Mode			Water cooling		External	
Cooling Water Temperature	(°C)	21		25		
Cooling Water Flow	(L/min)		10			
Working Ambient Temperature	(°C)	10		40		
Working Environment Humidity	(%)	10		85		
Storage Temperature	(°C)	-10		60		
Structure					Rack	
Weight/Size	(kg)	23	(W)with Handle×(L) with Handle ×(H) (mm)		482.6 (447) x 610.5(514.5) x 79	

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> DIMENSIONS



> ORDER INFORMATION

Order code format: **C** **Y** **L** - □ □ □ □ / **S** - **Q** **B** **H** - □ □ □ □ / □ □

C	CW	Y	YDF 1.0μm	Fiber laser	Output power		Mode		Output connector		Output fiber core diameter		Fiber length	
					500	500W	S	Single	QBH	QBH	20	20/400	15	15m
Q	QCW	E	EDF EYDF 1.5μm		1000	1000W	M	Multi	LOC	LOC	25	25/400	20	20m
P	PULSE				1500	1500W	H	Anti-high reflection	QCS	QCS	50	50/360	XX	Custom izable
			2000	2000W	100	100/360								
			3000	3000W	150	150/360								