

CYL-500/S 1.0 μ M Single-Mode Group Continuous Fiber Laser

› PRODUCT FEATURE AND SPECIFICATIONS:



- High wall plug efficiency, greatly reduce power consumption
 - 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.
- Laser additive manufacturing
- Solar plant automation

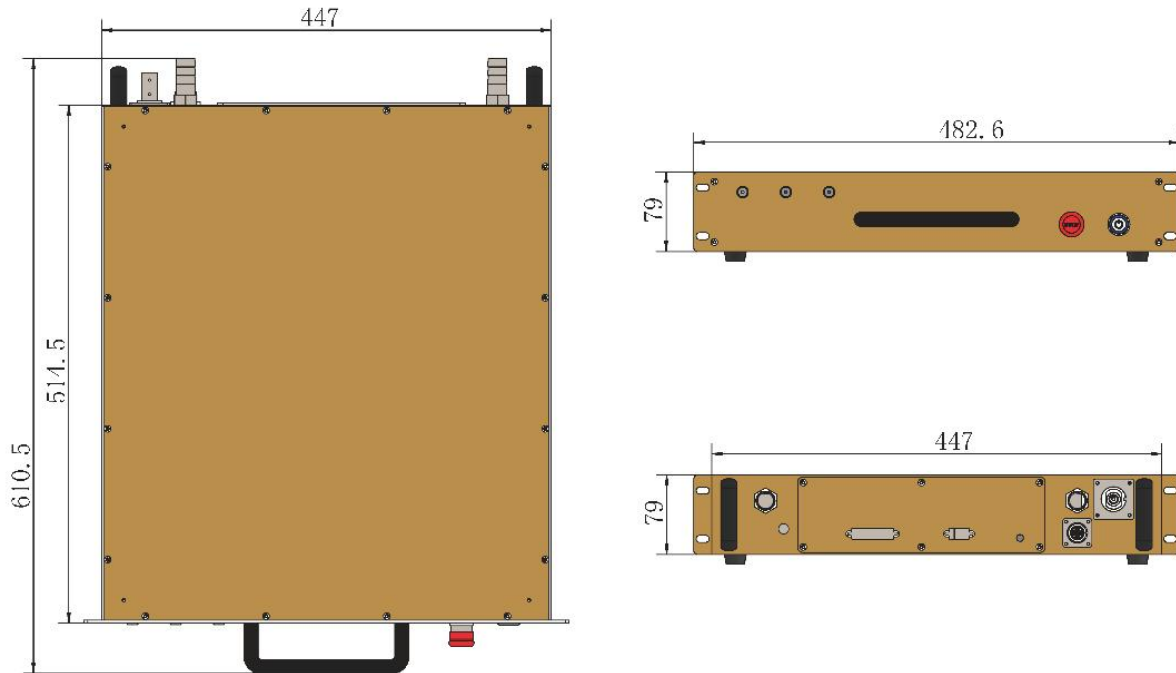
CINA LASER CYL-500/S 1.0μm single-mode group continuous fiber laser, adopts latest industry technology and the optimization design, with high electro-optical conversion efficiency, high lifetime, high safety and reliability. The unit with high-quality output beam and strong capability on resisting high-reflective, can be widely used in all kinds of materials of laser cutting, welding, punching, Metal 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.

Performance		Min.	Typ.	Max.	Supplement
Central wavelength	(nm)	1070	1080	1090	
Spectral bandwidth	(nm)		3	5	-3dB
Output optical power	(W)		500		
Power ADJ. range	(%)	10		100	
Output power stability	(%)		1	1.5	100% continuous > 1h
			2	3	100% continuous > 24h
Beam quality	(M ²)			1.3	QBH-20/400
				2.8	QBH-50/360
Modulation frequency.	(KHz)			20	100% output
Glow power	(mW)	0.3		1.0	
Output connector			QBH		Customize
Output fiber core-diameter	(μm)		20	100	
Output fiber length	(m)		15		Customize
Output fiber bending radius	(mm)	200			
Working mode		Continuous modulation			CW/Modulate
Polarization state		Random			Random
Telecommunication port		RS232 / AD / Super terminal			
Remote telecommunication		APP			Customize
Power supply	(V)	220			Two phase three wire
Power consumption	(KW)				3.0
Cooling method		Water-cooling			Circumscribed
Coolant temp.	(°C)	21		25	
Coolant flow	(L/min)		10		
Working environment temp.	(°C)	10		40	
Working environment humidity	(%)	10		85	
Storage temp.	(°C)	-10		60	
Weight	(kg)	23			
Structure		Machine cabinet			
Size (W) × (L) × (H)	(mm)	(W)with Handle×(L) with Handle ×(H) (mm)			482.6 (447) × 610.5(514.5) × 79

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> DIMENSIONS



> ORDER INFORMATION

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		