LASER

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

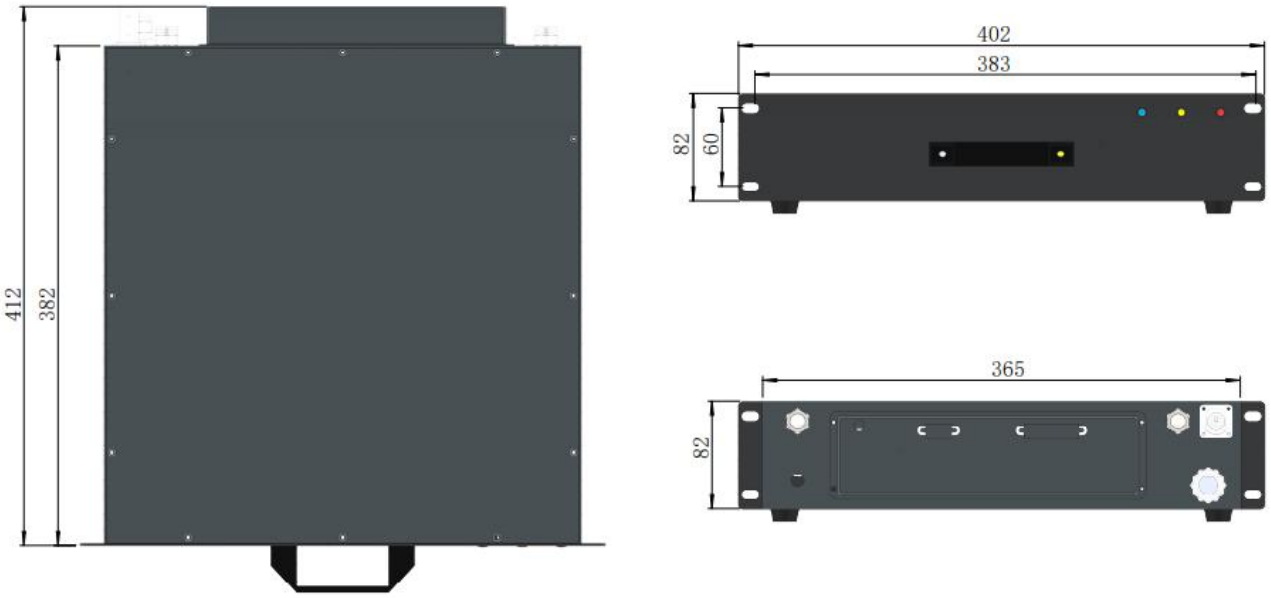
CINA LASER CYL-500/S 1.0μm single-mode group continuous fiber laser, adopts latest industry technology and the optimization design, with high electro-optical conversion efficiency, high lifetime, high safety and reliability. The unit with high-quality output beam and strong capability on resisting high-reflective, 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)		8		
Working Environment Temp.	(°C)	10		40	
Working Environment Humidity	(%)	10		85	
Storage Temp.	(°C)	-10		60	
Weight	(kg)		14		
Structure				Rack	
Dimensions (W) × (L) × (H)	(mm)	(W)with Handle×(L) with Handle ×(H) (mm)			402(383)x412(382)x82

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〉DIMENSIONS



〉ORDER INFORMATION

C Y L - □ □ □ □ / S - Q B H - □ □ □ / □ □

C	CW	Y	YDF 1.0μm	Fiber laser	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	Customizable
					2000	2000W					100	100/360		
					3000	3000W					150	150/360		

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