LASER



CYL-3000/S 1.0µM Single-Mode Group Sontinuous 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-3000/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)		3000		
Short Time Power Stability	(%)		±1		
_ong Time Power Stability	(%)		±2		
_aser Opening Time	(µs)		50~100		
_aser Shutdown Time	(µs)		100~200		
Power Regulation Range	(%)	10		100	
Com Quelity	(MO)			1.8	QBH-50
Beam Quality	(M2)			3.6	QBH-100
Fiber Numerical Aperture (NA) Half Angle	(rad)			0.22	QBH-50、100
Modulation Frequency	(KHz)	5		20	100% output
Red Light Power	(mW)	5		60	
Dutput Connector			QBH		
Output Fiber Core Diameter	(µm)		50	100	Customizable
Dutput Fiber Length	(m)		10	15	Customizable
Dutput Cable Bending Radius	(mm)	200			
Vork Model		(Continuous/modulatic	n	CW/Modulate
State Of Polarization			Random		Random
Communication Interface		R	S232/AD /Super term		
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		
Norking Ambient Temperature	(°C)	10		40	
Vorking Environment Humidity	(%)	10		85	
Storage Temperature	(°C)	-10		60	
Structure				Rack	
Weight/Size	(kg)	53	() () () () () () () () () () () () () (vith Handle)×(H) (mm)	482.6 (440)x666x111

CINA LASER

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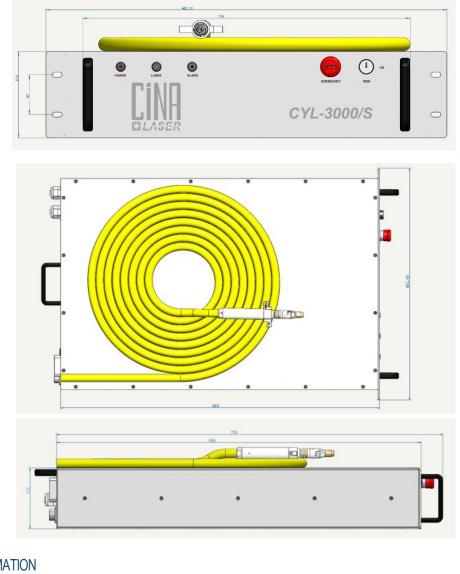
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> DIMENSIONS



> ORDER INFORMATION															
CYL															
	с	CW	Y	YDF 1.0µm	Fiber laser	Output power		Mode		Output connector		Output fiber core diameter		Fiber length	
				EDF		500	500W	S	Single	QBH	QBH	20	20/400	15	15m
G	Q	Q QCW		EYDF 1.5µm		1000	1000W	Μ	Multi	LOC	LOC	25	25/400	20	20m
						1500	1500W	н	Anti-high	QCS	QCS	50	50/360	хх	Custom izable
	Ρ	PULSE	ULSE			2000	2000W		reflection			100	100/360		
						3000	3000W					150	150/360		