

CYL-6000 1.0μM Multimode 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 CYL-6000 1.0μm multimode 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.

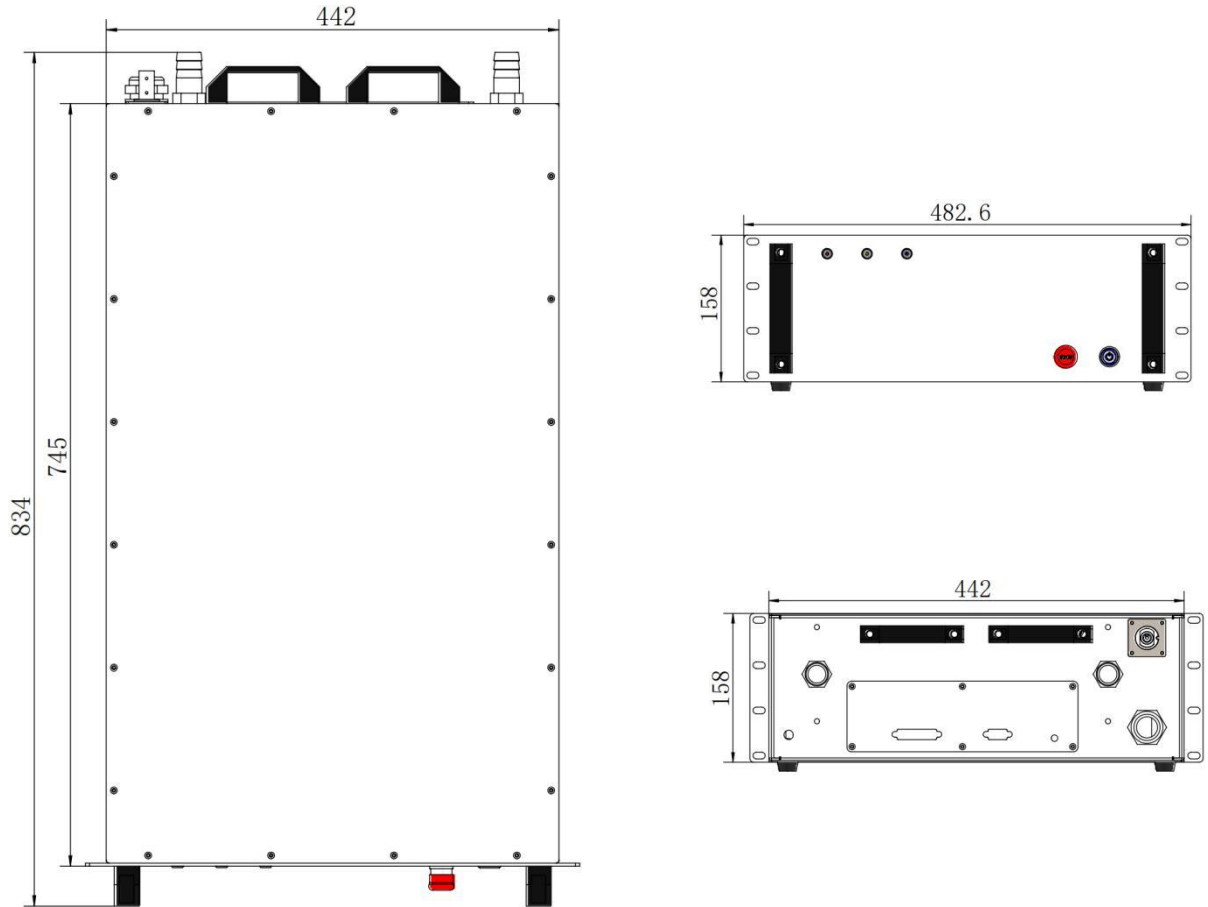
CINA LASER, which is based on Internet technology, established a scientific after-sales service system. Each device has a unique identity code (the internal storage of original technology and material information). Can achieve remote online real-time monitoring; can provide users with equipment fault 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.	Supplement	
Central Wavelength	(nm)	1070	1080	1090		
Spectral Bandwidth	(nm)		5	8	3dB	
Output Optical Power	(W)		6000			
Power ADJ. Range	(%)	10		100		
Output Power Stability	(%)		-1 ±2	1 ±3	100% continuous > 1h 100% continuous > 24h	
Modulation Frequency.	(KHz)			5	100%output	
Glow Power	(mW)	0.3		1.0		
Output Connector			QBH		6000W	
Beam Quality (BPP)	(mm*mrad)	3.5		4.5	Output fiber core-diameter100um	
		5		6.5	Output fiber core-diameter150um	
		6.5		9	Output fiber core-diameter200um	
Output Fiber Length	(m)		10		Customize	
Output Fiber Core-Diameter	(μm)		100 (150 / 200)		Customize	
Output Fiber Bending Radius	(mm)	200				
Working Mode		Continuous modulation				
Polarization State		Random				Random
Telecommunication Port		RS232 / AD / Super terminal				
Remote Telecommunication		APP				Customize
Working Voltage	(V)	360	380	400	VAC	
Input Power	(KW)			20	CYL-6000/M 100% output	
Cooling Method	(L/min)	Water-cooling				Circumscribed
Working Environment Temp.	(°C)	10	25	40		
Working Environment Humidity	(%)	10		80		
Storage Temp.	(°C)	-10	25	60		
Cooling Medium		distilled water(Above 0 °C)/Ethylene glycol antifreeze(Below 0°C)				
Dimensions	(mm)	(L)x(W)x(H)=745x482.6x158				
Weight	(kg)	85Kg				

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› DIMENSIONS



› ORDER INFORMATION

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

C	Continuous wave	Y	YDF 1.0 μ m	Optical fiber laser	Output powers		Mode group		Output connector		Output fiber core-diameter		Fiber length	
	Puls		EDF EYDF 1.5 μ m		6000	6000W	M	Multi-mode	QBH	QBH	100	100/360	10	20m
P	Puls	E	EDF EYDF 1.5 μ m	Optical fiber laser	10000	10000W	M	Multi-mode	LOE	LOE	150	150/360	15	20m
									QCS	QCS	200	200/360	XX	Customize
											030	30/400		
											020	20/400		
										050	50/360			