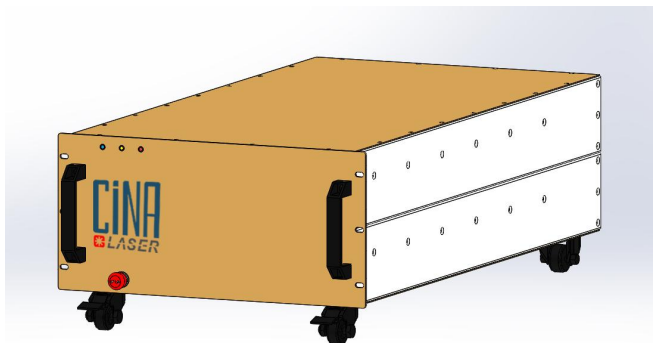


## CYL-12000 1.0μM Multimode Group Continuous Fiber Laser

### 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-12000 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.

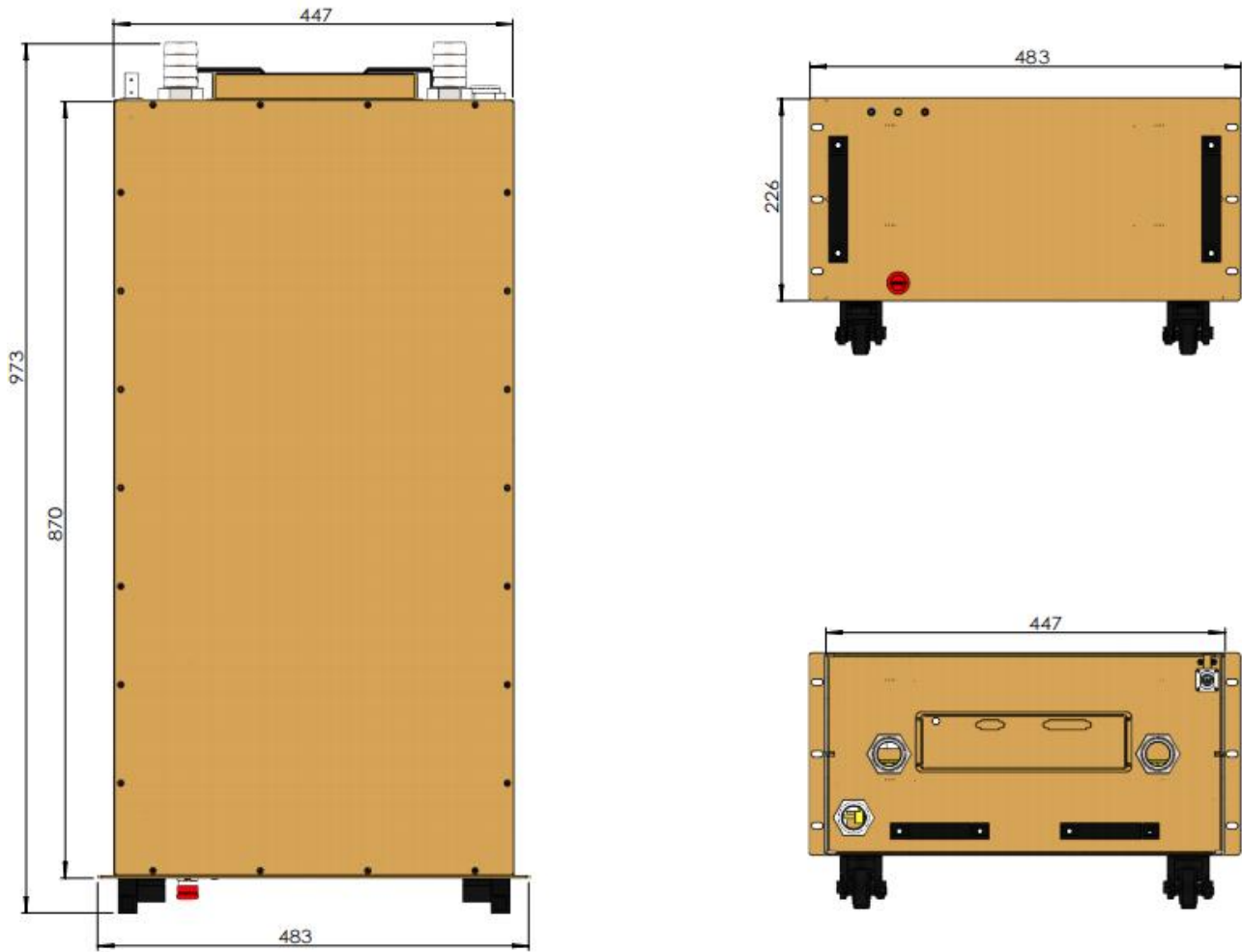
CINA LASER, which is based on Internet technology, established a scientific after-sales service system. Each device has a unique identity code (the internal storage of original technology and material information). Can achieve remote online real-time monitoring; can provide users with equipment fault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

Performance	Unit	Min.	Typ.	Max.	Remarks
Central Wavelength	(nm)	1070	1080	1090	
Spectral Bandwidth	(nm)		5	8	3dB
Output Optical Power	(W)		12000		
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)	5		65	
Output Connector			QBH		12000W
Beam Quality (BPP)	(mm*mrad)	3.5 5 6.5		4.5 6.5 9	Output fiber core-diameter100um Output fiber core-diameter150um Output fiber core-diameter200um
Output Fiber Length	(m)		15		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-12000/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)		870 x 447 x 226		(L)x (W) x (H)
Weight	(kg)			<150Kg	
Structure				Rack	

## CYL-12000 1.0 $\mu$ m Multimode Group Continuous Fiber Laser

### › DIMENSIONS



### › ORDER INFORMATION

C	Y	L	□□□□ / □□□□		□□□□ / □□□□		□□□□ / □□□□					
C	Continuous Wave	Y	YDF 1.0 $\mu$ m	Optical Fiber Laser	Output Powers		Output Connector		Output Fiber Core-diameter		Fiber Length	
P	Puls	E	EDF EYDF 1.5 $\mu$ m		12000	12000W	QBH	QBH	100	100/360	15	15m
							LOE	LOE	150	150/360	XX	Customize
							QCS	QCS	200	200/360		
									030	30/400		
									020	20/400		
									050	50/360		