

CYL-20000 1.0μM Single-Mode Group Continuous Fiber Laser

› PRODUCT FEATURE AND SPECIFICATIONS:



- Low cost, maintenance free
- Excellent power stability
- High electro-optical conversion efficiency
- The maximum modulation frequency reaches 5kHz
- Laser cutting
- Laser welding
- Laser drilling
- Cutting and welding

CINA Laser's 20kW fiber laser has excellent beam quality, and the laser beam can be focused to near the diffraction limit. There are two working modes to choose from: continuous and modulated pulse, greatly reducing the processing heat affected zone; Reliable performance, modular all fiber design, all optoelectronic devices are encapsulated in sturdy enclosures, capable of withstanding harsh industrial application conditions.

This product is widely used in fields such as laser cutting, laser welding, laser drilling, etc. It can process various types of steel, aluminum based and nickel based alloys, titanium alloys, aluminum oxide ceramics, etc. Meanwhile, CINA Laser has professional laser application engineers dedicated to providing you with high-quality laser system solutions.

Performance	Unit	Min.	Typ.	Max.	Remark
Power	W		20000		
Wavelength Range	nm	1070	1080	1090	
Fiber Core Diameter	μm		100		
Fiber Optic Cable Length			20 m or Customized		
Output Connector			QBH		
Indicator Light			Red		
Working Mode			Continuous or Modulated		
Polarization Direction			Random		
Output Power Stability (25 °C)				±1.5% (2h)	
Power Regulation Range	%		10-100		
Maximum Modulation Frequency	kHz		5		
Weight	Kg			200	
External Dimensions	Mm		600*1165*1211		
Voltage			Three-Phase ,380±20V,AC,PE,50/60Hz		
Power Waste	KW		66		
Control Mode			RS232/AD		
Cooling Demand	kW		40		
Set Temperature			25°C (Laser Module) , 30°C (QF)		
Water Pipe Size	mm		Φ38		
Low Temperature Cooling Water Flow Rate	L/min		200		
High Temperature Cooling Water Flow Rate	L/min		3.0		

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> DIMENSIONS

