

## QYL 80/800W、100/1000W、120/1200W Air Cooled QCW Fiber Laser

### › PRODUCT FEATURE AND SPECIFICATIONS:



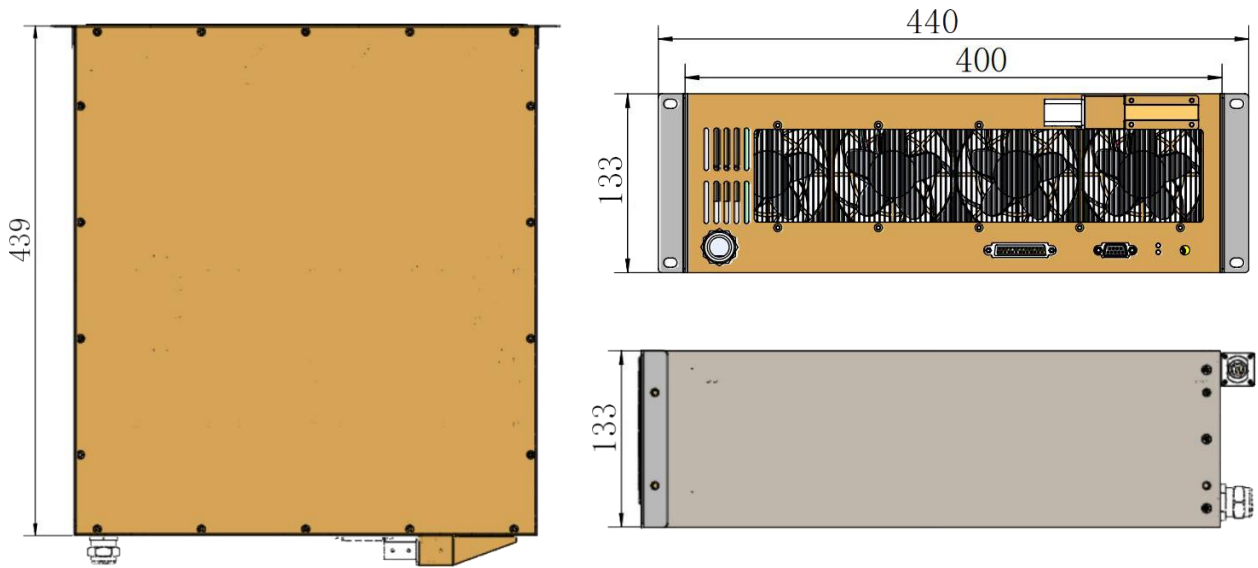
- High wall plug efficiency, greatly reduce power consumption
- Strong capability on resisting high-reflective, suitable for different materials processing.
- Remote real-time monitoring.
- High lifetime, high safety and reliability.
- Can achieve personalized customization.
- Excellent after-sales service system.
- Excellent cost performance

- Laser cutting.
- Laser welding.
- Laser cladding.
- Laser brazing.
- Laser thermolizing.

CINA LASER QYL series single-mode quasi continuous wave fiber lasers are ideal for applications requiring high peak power and small focal spot in pulsed operation mode, and a variety of microwelding and microdrilling applications. The single-mode QCW Series fiber lasers are offered as both end user friendly rack units and OEM modules for system integrators. Water-cooling lasers are substantially more cost-effective than lamp-pumped YAG lasers due to wall-plug efficiencies >30% and maintenance-free operation. 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.

Parameters	Unit	Min	Typ	Max	Remarks
Peak Power	W	700	800		QYL-80/800W
			1000		QYL-100/1000W
			1200		QYL-120/1200W
Average Output Power, QCW mode	W		80		QYL-80/800W
			100		QYL-100/1000W
			120		QYL-120/1200W
Pulse Energy	J		8	18	QYL-80/800W
			10	22	QYL-100/1000W
			12	25	QYL-120/1200W
Frequency	KHz	0		50	
Pulse Duration	ms	0.05		50	
QBH Fiber Optic Cable Length	m		5		Customize
QBH Core Diameter	um		20、25、50		Customize
Working Voltage	V		220		
Cooling Method			Air Cooling		
Operating Mode			QCW (Duty Cycles≤10%)		
Remote Communication			App		Customizable
Power Supply	(V)		220		
Power Consumption	(KW)			3.0	220 V, Single-Phase Three-Wire
Cooling Mode			Air Cooled		
Working Ambient Temperature	(°C)	10		40	
Working Environment Humidity	(%)	10		85	
Storage Temperature	(°C)	-10		60	
Structure			Rack		
Dimensions	mm		440(400)×439×133	Weight	<25kg

### > DIMENSIONS



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