

QYL-500~1200W Air Cooled QCW Fiber Laser

› PRODUCT FEATURE AND SPECIFICATIONS:



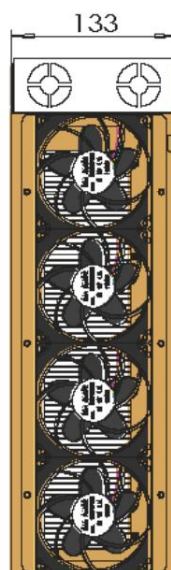
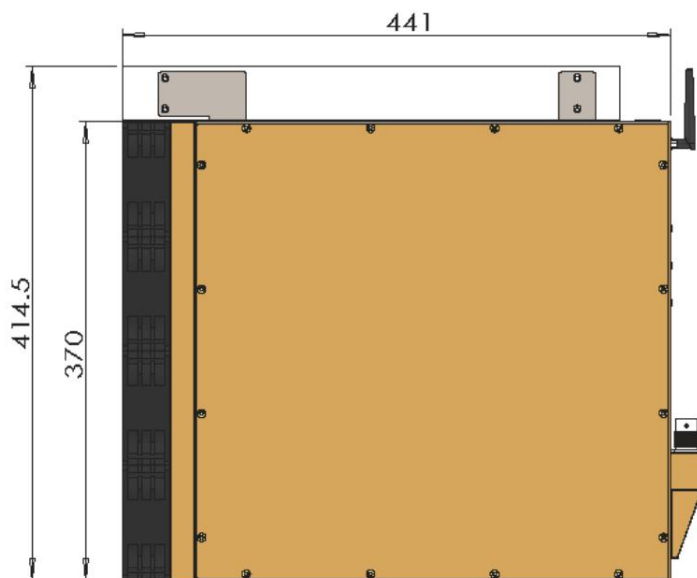
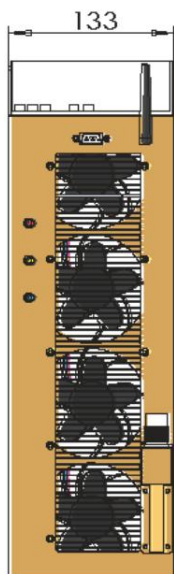
- IIoT-Enabled Remote Monitoring
- Superior Beam Quality for Precision Processing
- Air-cooled Rack Units or OEM Modules
- Versatile Material Compatibility
- Flexible Customization Options
- High Peak Power
- Laser Microcutting
- Laser Microdrilling
- Precision Welding
- Batteries, Medical Devices, Electronic Components

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.

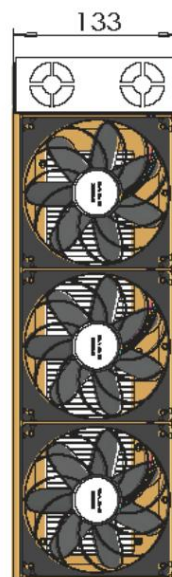
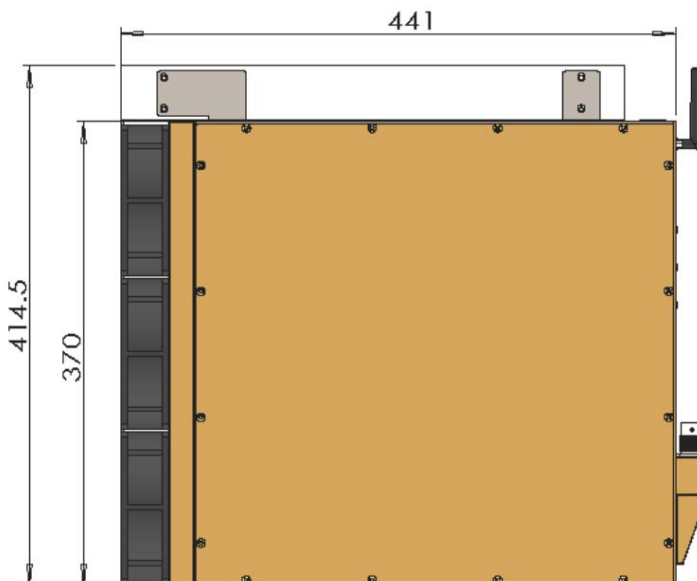
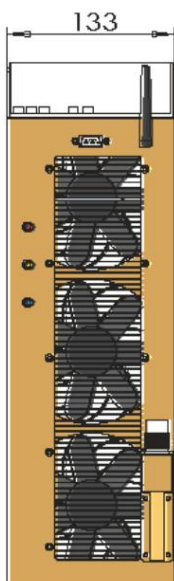
Parameters	Unit	Min	Typ	Max	Remarks
Peak Power	W		500		QYL-50/500W
			1000		QYL-100/1000W
			1200		QYL-120/1200W
Average Output Power	W		50		QYL-50/500W
			100		QYL-100/1000W
			120		QYL-120/1200W
Single Pulse Energy	J		5	12	QYL-50/500W
			10	20	QYL-100/1000W
			12	22	QYL-120/1200W
Frequency	KHz	1		5	
Pulse Duration	ms	0.2		50	
QBH Fiber Optic Cable Length	m		5		Customize
QBH Core Diameter	um		20		Customize
Working Voltage	V		220		
Cooling Method			Air Cooling		
Operating Mode			QCW (Duty Cycle≤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	370(414.5)x441x133		Weight	<25kg

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› DIMENSIONS



QYL-500/A, QYL-1000/A



QYL-1200/A

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