

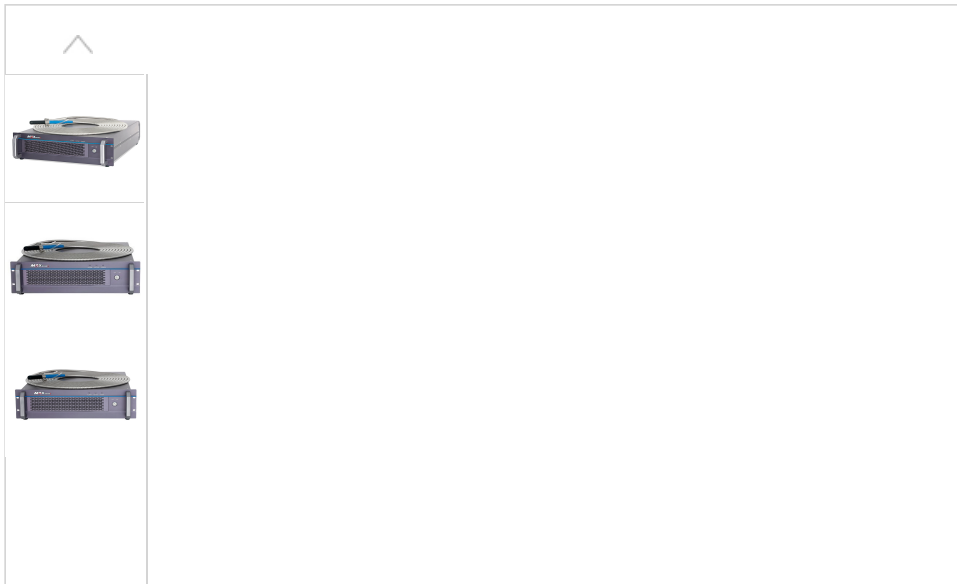


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 - Chrissie-Russia
 - April-South Asia
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- All
- Pulse fiber laser series
- CW fiber laser series
- Research fiber laser series
- Semiconductor laser series
- Optical passive devices
- Laser solutions



150/1500W QCW CW FIBER LASER

Are you looking for 150/1500w qcw cw fiber laser? Contact us now! We are able to offer you the highest quality such equipment with high performance, high speed and high power. With over 10 year's experience in this field, we are sure to offer you the best equipment at low cost.

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Product features

150/1500W QCW CW FIBER LASER

The product has various compatibility and control modes, which can switch between pulse and continuous mode, and simultaneously handle the processing tasks of two different lasers at the same time. The pulse width waveform is flexible and adjustable, the heat dissipation is fast, and the electro-optical conversion rate is over 30%, which is another option for the long pulse width , high peak power applications.

Main Feature:

1. High beam quality;
2. Alternative lamp pump lasers;
3. High photoelectric conversion efficiency;
4. Pulse and continuous working modes;
5. High pulse power, stable power, and high peak power;

Parameters:

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Optical Characteristics	Test Conditions	Min.	Typical	Max.	Unit
Mode	CW/Modulated				
Polarization	Random				
MFQS-1500W	100% CW		150/1500W		W
Tuning Range of Output Power		5		100%	%
Emission Wavelength	100% CW	1070	1080	1090	nm
Spectrum Width(3dB)	100% CW		3	4	nm
Short-term Power Instability	100% CW>1h		1	3	%
Long-term Power Instability	100% CW>24h		3	5	%
Beam Quality	100% CW		2		
Single Pulse Energy			15		J
Pulse Width		0.05		50	ms
Modulation Rate		1		5000	Hz
Red Guide Laser Power		200			μW
Feeding Fiber Cable Length			12		m
Feeding Fiber Core Size		50/100 / 200 (optional)			μm
Feeding Fiber Cable Bending Radius		200			mm
Output Form	Standard QBH (Air-cooling)				

General Characteristic	Test Conditions	Min.	Typical	Max.	Unit
Operating Voltage		110	220		VAC
Nominal Power Consumption MFQS-150/1500W	100% Output			2.5	KW
Operating Ambient Temperature		10		40	°C
Operating Ambient Relative Humidity		10		85	%
Cooling Method	Air-cooling				
Storage Temperature		-10	25	60	°C
Dimensions	540x482.6x141.5				mm
Weight	24.5				kg

Application Samples: 3C material cutting, power battery pole piece welding, mobile phone antenna welding, precision cutting drilling, long pulse drilling.

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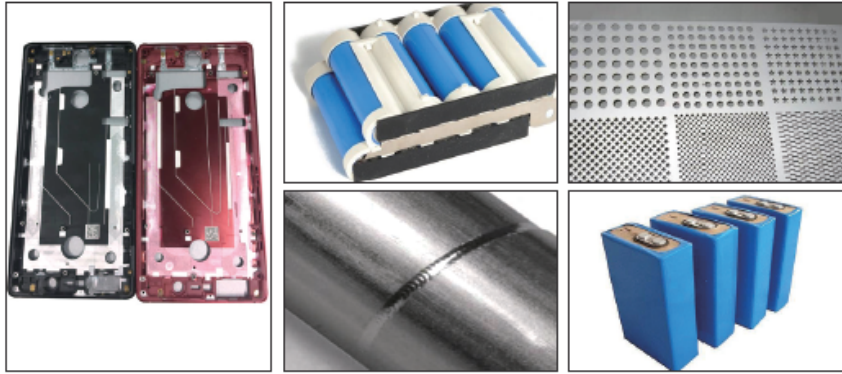
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Product parameters

Samples display



Stainless steel kitchenware fine marking

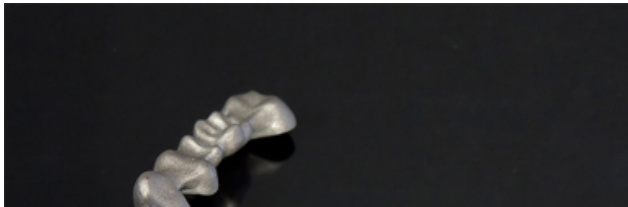


3mm304 stainless steel fine cutting

Application industry

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