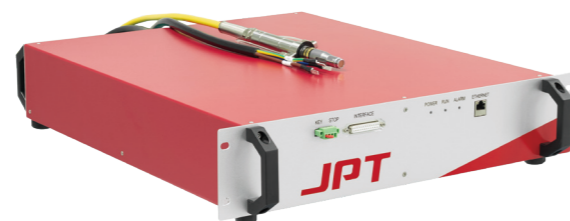


# CW Rack 500-6000W

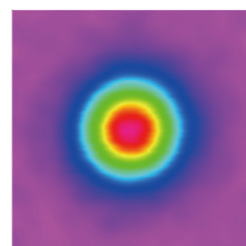
## Product Description

A continuous laser is a type of fiber laser that outputs laser in a continuous form, characterized by high beam quality, high power, high efficiency, and high reliability. It is an ideal light source for industrial cutting, welding, and other applications.



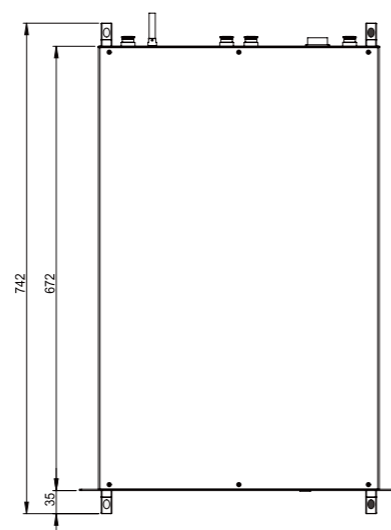
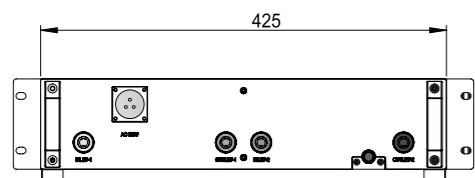
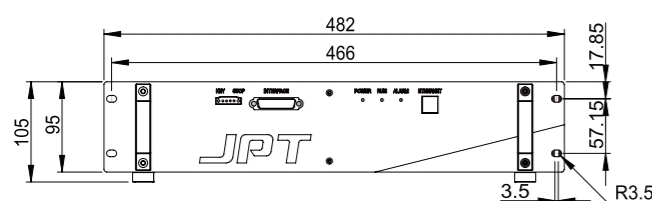
## Product Characteristics

- High energy conversion (Electric to light)
- Multi-power range products
- Steady power deliver
- Wide range of application scenarios
- Compact design with small size, easy to integrate
- Customizable fiber length and diameter



Output Beam Distribution Diagram

## Product Dimension Diagram



## Specifications

Parameter Unit	Unit	Parameter					
Product Model		YDFLC-500 -L2-W	YDFLC-1000 -L2-W	YDFLC-2000 -L2-W	YDFLC-3000 -L-W	YDFLC-4000 -L-W	YDFLC-6000 -L2-W
Beam Parameter Product	mm×mrad	≤0.45@14μm			<2@50μm		≤4@100μm
Armored Cable Length	m	5	8	10	15		
Average output power	W	500	1000	2000	3000	4000	6000
Maximum Modulation Frequency	kHz	10			20		5
Cooling Method		Water Cooled					
Operating Voltage	V	220 (AC)			380 (AC)		
Maximum Power Consumption	kW	1.8	3	6	9	12	18
Central Emission Wavelength	nm	1080					
Spectral Width@3dB	nm	<6					
Operating Temperature	°C	10~40					
Laser Weight	kg	6.5	7	12	41	43	66
Dimensions (L×W×H)	mm	230×290×56		400×270×52	742×482×105		934×482×127.5



Carbon Steel Cutting



Lithium Battery Welding



High-reflection Material Cutting