

CW Fiber Lasers

CW 200W/300W

JPT CW laser 200W/300W is diode pumped single mode fiber laser source, Through the controlling software, the operating status of the laser can be monitored in real time, alarm messages can be received in time, and operation data can be collected. The laser uses air-cooling and compact design, with competitive advantage like high energy conversion (electric to light), maintenance free and fiber delivery, be easily integrated to machine. With the most reasonable design in light path, the laser has very good beam quality (m2 close to 1), users can get higher processing accuracy. JPTCW-SM-K series laser is the best option for high precision industrial laser cutting, welding and other applications.

Application Advantages

- Laser cutting
- Laser welding
- 3D printing
- Precision drilling
- Other applications

Characteristics Of CW 200W/300W Fiber Laser

	Unit	Parameter	
Nominal Average Output Power	W	200	300
Beam Parameter Product	mm*mrad	$\leq 1.5@50 \mu m$	
Central Emission Wavelength	nm	1080	
Spectral Width@3dB	nm	< 6	
Armored Cable Length	m	5	
Cooling Method		Air Cooled	
Operating Voltage	V	Single-phase 220 (AC) $\pm 10\%$	48 (DC)
Maximum Power Consumption	W	750	1200
Switch on/off time	us	20	
Maximum Modulation Frequency	kHz	20	
Operation Temperature	$^{\circ}C$	$10 \sim 40$	$0 \sim 40$
Storage Temperature	$^{\circ}C$	$-20 \sim 50$	
N. W	kg	28.5	32
Size (W×D×H)	mm	$483 \times 484 \times 133$	$483 \times 500 \times 174.5$