

JPT

规格指标/ Specification

参数单元 Parameter Unit	参数 Parameter	
平均输出功率 Nominal Average Output Power	200 W	300 W
M ²	<1.3	
中心波长 Central Wavelength	1080 nm	
谱宽@3db Spectral Width@3db	<3 nm	
铠缆长度 Armored Cable Length	5 m	
冷却方式 Cooling Method	风冷 Air Cooled	
输出方式 Output Method	QCS: 3 mm/6 mm/12 mm; QBH	
工作电压 Operating Voltage	单相 Single-phase 220 (AC)±10% V	
最大消耗功率 Maximum Power Consumption	750 W	1050 W
开关光时间 Switch on/off time	20 us	
频率调制范围 Pulse Repetition Rate Range	1 Hz~200 kHz	
工作温度范围 Operation Temperature	0~40°C	
储存温度范围 Storage Temperature	-10~60°C	
净重 N.W.	33 kg	
尺寸 (WxDxH) Size	517x440x177 mm	

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CW 200/300W



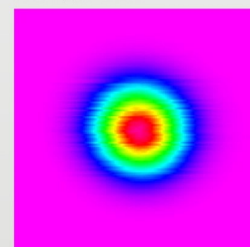
产品描述/ Product Description

杰普特风冷连续光 200/300W 是使用半导体激光器泵浦的单模光纤激光器，通过控制接口及杰普特标配软件可对激光器的运行状态进行实时监控及报警提示。该激光器具有光纤激光器的电光转换效率高、免调节维护、光纤柔性传导输出等优势，同时激光器采用风冷散热设计，结构紧凑，无需外加水冷装置，便于客户集成；在光路上通过合理的优化设计，使得激光器具有非常接近衍射极限的输出光束质量，能够获得更高的加工精度。该激光器是高精度工业激光切割、焊接及其它应用的理想光源。

JPT CW laser 200/300W 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.

应用优势/ Application Advantages

- 激光切割
Laser cutting
- 3D打印
3D printing
- 其它应用
Other applications
- 激光焊接
Laser welding
- 精密打孔
Precision drilling



光斑分布图
Output Beam Distribution Diagram

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