

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	500 W	800 W	1000 W	1500 W	2000 W
束参积 Beam Parameter Product	<2 mm x mrad@50um				
中心波长 Central Wavelength	1080 nm				
谱宽@3db Spectral Width@3db	<6 nm				
铠缆长度 Armored Cable Length	8 m			15 m	
冷却方式 Cooling Method	水冷（纯净水） Water Cooled (Purified Water)				
工作电压 Operating Voltage	单相 Single-phase 220 (AC)±10%			三相 Three-phase 380 (AC)±10%	
最大消耗功率 Maximum Power Consumption	1800 W	2700 W	3300 W	5000 W	7000 W
开关光时间 Switch on/off time	<20 us				
最大调制频率 Maximum Modulation Frequency	20 kHz				
工作水温范围 Operation Temperature	23~26℃				
储存温度范围 Storage Temperature	-20~50℃				
净重 N.W.	36 kg			83.5 kg	
尺寸 (WxDxH) Size	483x484x133 mm			483x800x178 mm	

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CW 500-2000W



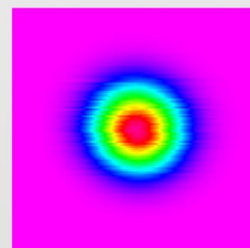
产品描述/ Product Description

杰普特单模连续光纤激光器（500W-2000W）是光、机、电、软
的优化组合，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，并可对运行数据进行收集记录。激光
器采用水冷散热及上架式机箱设计，具有电光转换效率高、能耗较
低、结构紧凑、免调节维护、光纤柔性传导输出、便于客户集成使
用等众多优点，是工业激光切割、焊接及其它应用的理想光源。

JPT single mode fiber laser (500W-2000W) is the optimal combination of optical, mechanical, electrical and software
components. Through the controlling ports and the controlling software, the operating status of the laser can be monitored in
real time, alarm messages can be received in time, and data can be collected. The laser uses water-cooling and shelf case
design, with competitive advantage like high energy conversion (electric to light), low power consumption, maintenance free,
fiber delivery, and easy to assemble, it is the most suitable laser source for industrial laser welding, cutting 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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