

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	3000 W 单模	3300 W	4000 W	6000 W	8000 W	12000 W
束参积 Beam Parameter Product	≤4.5 mm x mrad@100um					
中心波长 Central Wavelength	1080 nm					
谱宽@3db Spectral Width@3db	<6 nm					
铠缆长度 Armored Cable Length	20 m					
冷却方式 Cooling Method	水冷（纯净水） Water Cooled (Purified Water)					
工作电压 Operating Voltage	三相 Three-phase 380 (AC)±10% V					
最大消耗功率 Maximum Power Consumption	11 kW	12 kW	16 kW	24 kW	32 kW	48 kW
开关光时间 Switch on/off time	<20 us					
最大调制频率 Maximum Modulation Frequency	20 kHz	5 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.	250 kg	450 kg	525 kg	600 kg	600 kg	700 kg
尺寸 (WxDxH) Size	650x900x880 mm	930x1000x1300 mm			870x1200x1200 mm	

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CW 3000-12000W

产品描述/ Product Description

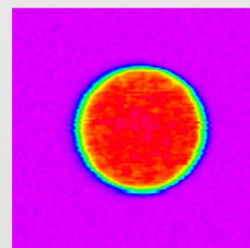
杰普特机柜式连续光纤激光器（3000W-12000W）是光、机、电、软的优化组合。通过控制接口及杰普特标配软件可对激光器的运行状态进行实时监控及报警提示，并可对运行数据进行收集记录。激光器采用水冷散热设计，具有电光转换效率高、能耗较低、免调节维护、光纤柔性传导输出、便于搬运吊装等众多优点，是工业激光切割、焊接及其它应用的理想光源。



JPT CW laser (3000W-12000W) 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 move&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
- 激光熔覆
Cladding
- 激光焊接
Laser welding
- 精密打孔
Precision drilling
- 其它应用
Other applications



光斑分布图
Output Beam Distribution Diagram

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