

中功率 - DDLF 系列

Medium Power-DDLM Series



| EB-DDLF-2000A | EB-DDLF-3000A | EB-DDLF-U4000A

光学性能/Optical

中心波长/Center Wavelength				
中心波长偏差/Wavelength Offset	nm	976±20 (915 Optional)		
输出功率/Max. Output Power	W	2000	3000	4000
输出功率不稳定性/Output Power Instability	%	≤3		
功率调整范围/Power Tunability	%	10-100		
光纤芯径/Fiber Core Diameter	μm	400/600/800		600/800
数值孔径/Numerical Aperture	NA	0.22		
光纤接头/Output Fiber Termination	-	QBH		
光纤长度/Length of Delivery Fiber	m	10/20(Optional)		

指示光/Aiming Laser

指示波长/Indicator Wavelength	nm	650		
输出功率/Output Power	mW	2		

电学性能/Electrical

工作模式/Operation Mode	-	CW		
调制频率/Modulate Frequency		100 (Pulse Modulation ≤100Hz)		
输入电压/Supply Voltage	-	380VAC±10%, 50/60Hz		
输入功率/Max.Power Consumption	kW	4.6	6.9	9.2


热学性能/Others

工作温度/Operating Temperature	°C	5-40		
存储温度/Storage Temperature	°C	-25-55		
环境湿度/Environmental Humidity	-	70%@25°C		
冷却系统/Cooling System	-	Water Cooled		
外观尺寸/Outline Dimensions	mm	945*470*138(With Handle)		

备注 /Remarks

- 规格型号命名规则: EB (长光华芯缩写)- DDLF (直接半导体激光系统中功率级平台缩写)-2000A(输出功率 2000W, A 版本产品)
- 以上测试温度为 25 度
- 避免在结露环境下存储和使用, 超过规定温度工作会影响寿命
- 超过正常功率范围使用会缩短使用寿命

应用领域 / Application Area

 金属热传导焊接
Metal heat conduction welding

 复合焊接
Hybrid welding


产品特点 / Product Features

 高效率
High Efficiency

 红光指示
Aiming Laser

 长寿命
Long lifetime

 紧凑型设计
Small Footprint

 高亮度
High Brightness



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