

高功率 - DDLF 系列

High Power-DDLM Series



EB-DDLF-S4000A

EB-DDLF-6000A

光学性能/Optical

中心波长/Center Wavelength			
中心波长偏差/Wavelength Offset	nm	976	
输出功率/Max. Output Power	W	4000	6000
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	600/800/1000	
数值孔径/Numerical Aperture	-	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	≥1mW	

电学性能/Electrical

工作模式/Operation Mode	-	CW	
输入电压/Supply Voltage	-	380VAC±10%, 50/60Hz	
输入功率/Supply Power	W	10k	14k

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	长X宽X高 889 X 803 X 789	

备注 /Remarks

1. 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高功率平台缩写)-6000A(输出功率 6000W, A 版本产品)
2. 以上测试温度为 25 度
3. 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
4. 超过正常功率范围使用会缩短使用寿命

应用领域 / Application Area



激光淬火
Laser hardening



激光熔覆
Laser cladding



增材制造
Additive manufacturing

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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