

百瓦级 -DDLM 系列

Hundred Watt Class-DDLM Series



EB-DDLM-200/300/400A /500A | EB-DDLM-QCW1000A

光学特性/Optical

中心波长/Center Wavelength	nm	976	976
中心波长偏差/Center Wavelength Offset	nm	±20	±20
输出功率/Max. Output Power	W	200/300/400/500	Peak Power 1000
输出功率不稳定性/Output Power Instability	%	1	3
功率调整范围/Power Tunability	%	10-100	10 - 100
光纤芯径/Fiber Core Diameter	μm	200	200
数值孔径/Numerical Aperture	NA	0.22	0.22
光纤接头/Output Fiber Termination	-	QBH	QBH
光纤长度/Length of Delivery Fiber	m	5	5

指示光/Aiming Laser

指示波长/Indicator Wavelength	nm	650
输出功率/Output Power	mW	0.1-1

电学特性/Electrical

工作模式/Operation Mode	-	CW/Modulated	Modulated
调制频率/Modulate Frequency	Hz	1~10k	1~200
输入电压/Supply Voltage	-	220VAC±10%, 50/60HZ	
输入电流/Supply Current	A	< 10	

热学特性/Others

工作温度/Operating Temperature	℃	5-40
存储温度/Storage Temperature	℃	-25-55
环境湿度/Environmental Humidity	-	Max70%@25℃
冷却系统/Cooling System	-	Water Cooled
外观尺寸/Outline Dimensions	mm	550*484*133(With Handle)

备注 /Remarks

- 规格型号命名规则: EB (长光华芯缩写)- DDLM (直接半导体激光系统百瓦级平台缩写)-400A(输出功率 400W, 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



塑料焊
Plastic Welding



金属热传导焊接
Metal heat conduction welding



钎焊
Brazing

产品特点 / 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



苏州长光华芯光电技术股份有限公司 SUZHOU EVERBRIGHT PHOTONICS CO., LTD
江苏省苏州市高新区科技城漓江路56号 No.56, Lijiang Road, SND, Suzhou, China
www.everbrightphotonics.com Sales@everbrightphotonics.com +86-512-66896988

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