

## 阵列 - MCP 系列

### Stack-MCP Series



	单位 Unit	EB-MCP-V#-060- ####-0808-10	EB-MCP-V#-100- ####-0808-10	EB-MCP-V#-300Q- ####-0808-05
<b>光学性能 /Optical</b>				
中心波长 /Center Wavelength	nm		808	808
中心波长偏差 /Wavelength Tolerance	nm		±10	±5
输出功率 /Output Power	W	60	100	300
Bar 条数 /Number of Bars	#	2 ~ 60		2 ~ 60
光谱宽度 /Spectral Width (FWHM)	nm		≤8	4
工作模式 /Operating Mode	#		CW	QCW
快轴发散角 /Fast-axis Divergence	Deg		40	
慢轴发散角 /Slow-axis Divergence	Deg		10	
波长温度系数 /Wavelength Temperature Coefficient	nm/°C		0.28	
<b>电学性能 /Electrical</b>				
光电转换效率 /Power Conversion Efficiency	%		50	
斜率效率 /Slope Efficiency/Bar	W/A		≥1.1	1.1
阈值电流 /Threshold Current	A	25	26	28
工作电流 /Operating Current	A	60	105	290
工作电压 /Operating Voltage/Bar	V		≤2	2
<b>热学性能 /Thermal</b>				
工作温度 /Operating Temperature	°C		15 ~ 35	25
水流速度 /Bar/Water Velocity/Bar	l/m		0.3~0.5	0.3
存储温度 /Storage Temperature	°C		0~55	
最大入口压力 /Entrance Maximum Pressure	psi		55	
水类型 /Water Type	-		DI Water	
离子水 (DI) 电阻率 /Deionized Water Resistivity (DI)	kΩ · cm		200~500	
纯水过滤器颗粒 /Pure Water Filter Particles	μm		<20	

#### 备注 /Remarks

- 1.Explanation of Item Number: EB (Everbright In Short) - MCP (Micro-Channel Cooled Package)-V # (Number of bars per stack) - 300Q (QCW Output Power is 300W/bar) - ### (Total Output Power) - 0808 (Center Wavelength) -03(Wavelength Tolerance)
- 2.Above Data Test at 25°C, Unless otherwise stated.
- 3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.
4. Lifetime reduced if exceed nominal output power.

应用领域 / Application Area



科研  
R&D



生物医学  
Biomedical



工业泵浦  
Industrial Pump

产品特点 / Product Features



高性价比  
Cost Effective



高可靠性  
High Reliability



高效率  
High Efficiency



长寿命  
Long Lifetime

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