



Item No.: MWWC808VS600

Item Name: 600W Multi-Wavelength Water Cooled Vertical Stack Diode Laser

Optical

Center Wavelength λ	760 \pm 20nm
Output Power	200W
Number of Bars	2
Center Wavelength λ	808 \pm 20nm
Output Power	200W
Number of Bars	2
Center Wavelength λ	1064 \pm 20nm
Output Power	200W
Number of Bars	2
Working Mode	QCW
Pitch Between Bars	3.4mm
Fast Axis Divergence(FWHM)	~38Deg
Slow Axis Divergence (FWHM)	~12Deg
Pulse Width	10~400ms
Duty Cycle	1~40%

Electrical

Operating Current I_{op}	~120A
Threshold Current I_{th}	~20A
Operating Voltage V_{op}	~1.8V/Bar
Power Conversion Efficiency	~48%

Thermal

Operating Temperature (No Condensation)	15~30°C (No Condensation)
Storage Temperature (No Condensation)	0-55°C (No Condensation)

Others

Coolant	Distilled Water
Flow Rate/Bar	3.5L/min
Max Inlet Pressure	0.4~0.6MPa
Water Temperature(No Condensation)	23~27°C (No Condensation)
Filtered Water Particles	<20µm

Package Drawing



