









Water-cooled RF CO₂ Laser Source: Power & Water-cooling Machine Configuration Table

Laser Source		Power			Water-cooling Machine			
Model	Product Picture	DC Input Voltage (VDC)	Maximum DC Input Current(A)	Power	Refrigeration Capacity (W)	Flow Rate (L/min)	Coolant Maximum Pressure (kPa)	Temperature
D30		48VDC±2%	12.5A	≥600W	≥600	>4.0	≤500	See Table “Water Temperature Setting Table under Different Environmental Temperature and Humidity Conditions”
D60		48VDC±2%	25A	≥1200W	≥1200	>4.0	≤500	
T100		48DC±1%	30A	≥1400W	≥1400W	≥6	≤500	
M100		48DC±1%	50A MAX 100A	≥2400W	≥2400W	≥6	210-500	

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M2-100		48DC±1%	50A MAX 100A	≥2400W	≥2400W	≥6	210-500	
M150		48DC±1%	50A MAX 100A	≥2400W	≥2400W	≥6	210-500	
M2-150		48DC±1%	50A MAX 100A	≥2400W	≥2400W	≥6	210-500	
M300		48DC±1%	90A MAX 200A	≥4400W	≥4400W	≥6	210-820	


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M500		48DC±1%	190A	≥9200W	≥9200W	>9.5	240-820	

Table: Water Temperature Setting Table under Different Environmental Temperature and Humidity Conditions

Temperature \ Humidity	30%	40%	50%	60%	70%	80%	90%
5(°C)	20	20	20	20	20	20	N/A
10(°C)	20	20	20	20	20	20	N/A
15(°C)	20	20	20	20	20	20	N/A
20(°C)	20	20	20	20	25	25	N/A
25(°C)	25	25	25	25	30	30	N/A
30(°C)	30	30	30	30	N/A	N/A	N/A
35(°C)	30	30	N/A	N/A	N/A	N/A	N/A
40(°C)	30	N/A	N/A	N/A	N/A	N/A	N/A