

FC-W-447H-II/ 50-200W

SPECIFICATIONS

BLUE DIODE LASER AT 447nm

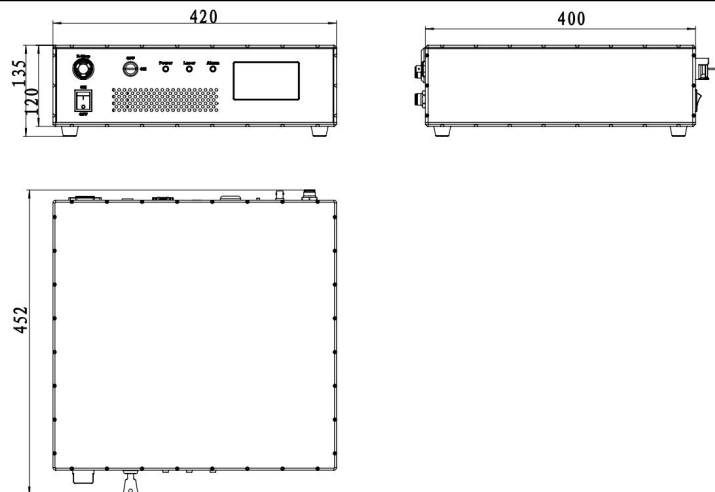
The 447nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.



Wavelength (nm)	447±5
Operating mode	CW
Output power (W) @ after 400um fiber ¹	50-200
Cooled method	Water cooled
Fiber Core Diameter (um)	200, 400, 600, 0.22NA
Fiber Connector	SMA905, FC, QBH optional
Fiber lengths ²	1m
Fiber Jacket	PVC, Metal optional
Power stability (rms, 4 hours±3°C)	<2%, <1%, <0.5%
Warm-up time (minutes)	<5
Operating temperature (°C)	0-30
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

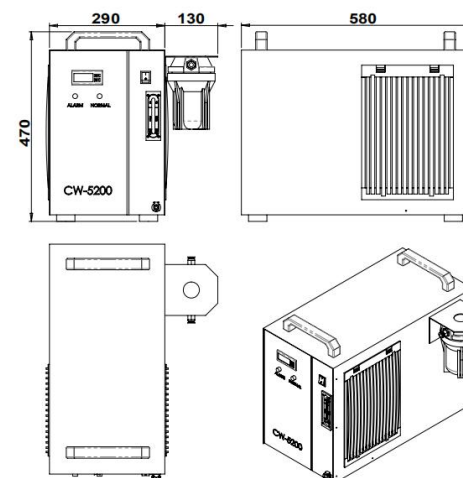


DIMENSION



452 (L)×420 (W)×135 (H)mm³, 23.1kg

WATER CHILLER (optional)



580 (L)×420 (W)×470 (H)mm³, 25kg

¹ Any power level can be selected in this range.

² other lengths are available on request.

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