

MBL-DF-488/300-1000mW

LD PUMPED ALL-SOLID-STATE BLUE LASER

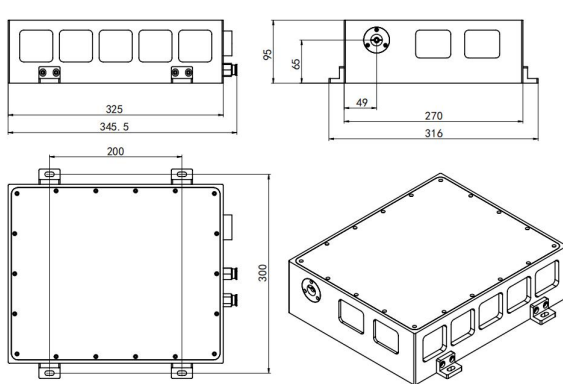
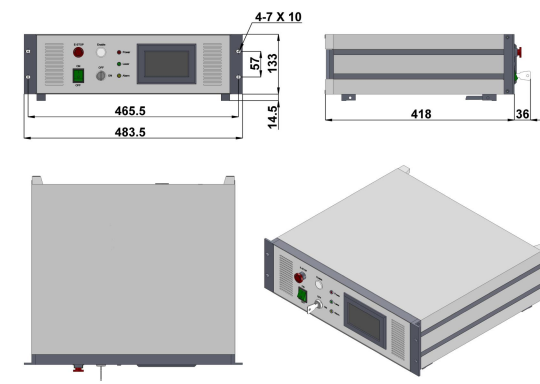
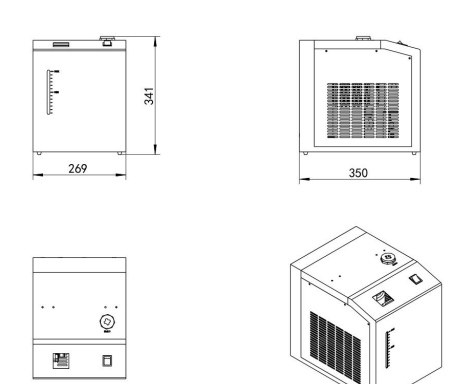
All solid state blue laser features of ultra compact, long lifetime and easy operating, which is used in laser display, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	488±1
Operating mode	CW
Output power (mW) ¹	300-1000
Power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (1/e ² , mm)	~5
Polarization ratio	>100:1
Beam height from base plate (mm)	65
Warm-up time (minutes)	<10
Operating temperature (°C)	15-30
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY ²	WATER CHILLER (WCH-600)
 345.5(L)×316(W)×95(H) mm³, 10kg	 483.5 (L)×454 (W)×147.5 (H) mm³, 8.3 kg	 350 (L)×269 (W)×341 (H) mm³, 12kg

¹ Any power level can be selected in this range.

² Output power adjustable 10-100%.

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