上海飞博激光科技有限公司

MARS 中功率连续光纤激光器

Medium Power CW Ytterbium-doped Fiber Laser

关键参数 Key Parameters	Unit	指标 Specifications			
型号 Model Number		YDFL-500-CW-SM	YDFL-800-CW-SM	YDFL-1000-CW-SM	YDFL-1200-CW-SM
工作模式 Operation Mode		CW/QCW			
偏振态 Polarization		Random			
中心波长 Central Wavelength	nm	1070 ~ 1090			
额定最大输出功率 Rated Max Output Power	W	500	800	1000	1200
最大调制频率 Max Modulation Freq.	kHz	100			
功率调节范围 Power Tuning Range	%	1 ~ 100			
功率稳定性 Power Stability	%	< 1			
光束质量 Beam Quality	M^2	< 1.3			
输出头 Delivery Head		QBH			
输出光缆长度 Delivery Cable Length	m	15			5
输入电压 Operating Voltage	VAC	220V±10%			
最大功耗 Max Power Consumption	W	2200	3200	4000	4800
机箱尺寸 Dimensions (L*W*H)	mm	582x482x177			
冷却方式 Cooling Method		Water			
工作环境温度 Operating Temperature	℃	+5 ~ +40			
储存温度 Storage Temperature	℃	-20 ~ +60			

产品应用：

- 激光切割、钻孔
- 激光焊接
- 激光去除、划线
- 精密加工
- 激光增材制造

Applications:

- Laser cutting/drilling
- Laser welding
- Laser ablation/scribing
- Precision machining
- Laser additive manufacturing

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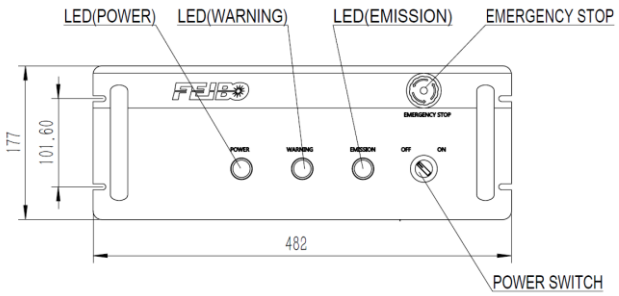
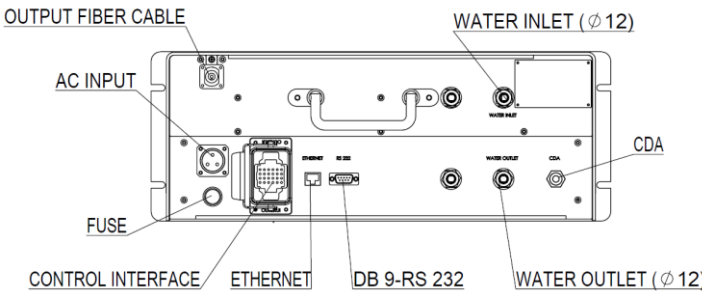
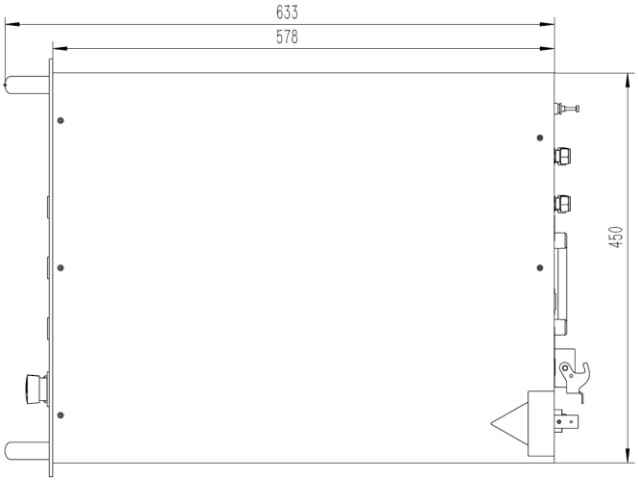
产品外形尺寸(毫米) Dimensions(mm)







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