

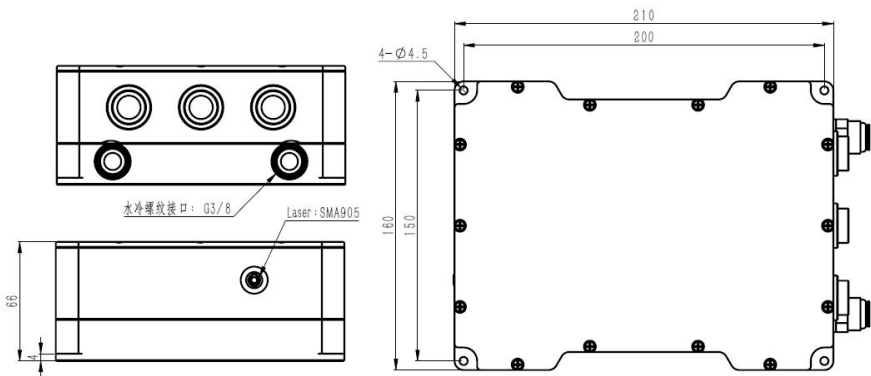


Y589D5000-210x160x66-MMF

Applications

- . Laser Medical Treatment
- . Scientific Experiment
- . Optical Instrument
- . Laser Projector

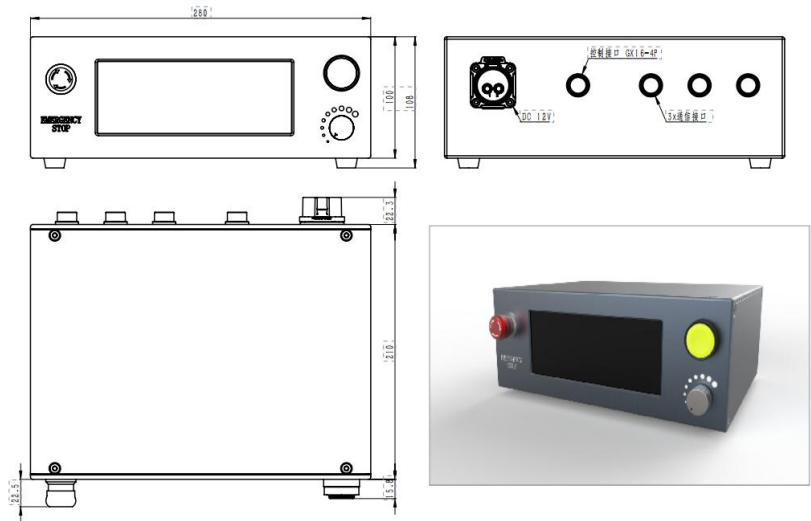
Dimensions (Unit: mm)



Specifications				
Model Number		Y589D5000-210x160x66-MMF		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Length(mm)	-	210x160	-
	Height (mm)	-	66	-
	Weight (g)	-	-	3000
Housing Material		Anodic oxidation treatment		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		587	589	591
Output Power (mW)		4000	5000	-
FWHM(nm)		1	1.2	1.5
Power Stability at const. Temperature(RMS) ⁽¹⁾		-	2%	5%
Output Power Mode		CW		
Laser Class		4		

Fiber	Core Diameter(μm)	-	400	-
	NA	-	0.22	-
	Length(m)	-	1	-
	Connector	SMA905 ⁽²⁾		
Beam Mode Longitude		Multi		
Beam Mode Transverse		-		
Polarization Ratio (Linear)		1:1	-	-
Residual IR		-	-	3%
Electrical Specifications		Min	Typ	Max
Power Supply ⁽³⁾		12VDC		
Power Consumption (W)		-	240W	-
Power Supply Size	Width x Height (mm)	-	210x108	-
	Length (mm)	-	280	-
	Weight (g)	-	5000	-
Operating Ambient Temperature Range (°C)		23	25	35
Warm up Time (mins) at 5W		-	10	15
Storage Temperature (°C)		0	-	40
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		10,000	-	-
RoHS Compliance Declaration		Yes		

- (1) after max. 10 minutes , RMS.
(2) Fiber connector can be customized
(3) Power Supply



Picture 1: Wavelength (Example)

