FPYL-266-XXXT-Q

Ultra Violet Q-switched DPSS Laser

Specifications

Wavelength (nm)	266±1
Average Output Power (mW)	50 - 600*
Transverse Mode	Near TEM_{00}
Operating Mode	Passively Q-Switched
Single Pulse Energy (µJ)	5 - 30
Pulse Duration (ns)	~5
Peak Power (W)	~500
Repetition Rate (kHz)	10~20 (undefined)
Power Stability (RMS, over 4 hours)	<5%, <10%*
Beam Diameter at the Aperture (mm)	~2.0 (elliptical 4:1)
Polarization Ratio	>100:1
Warm-up Time (minutes)	<10
Beam Height from Base Plate (mm)	93.5
Expected Lifetime (hours)	8000
Operating Temperature (°C)	10 - 35

* To be specified

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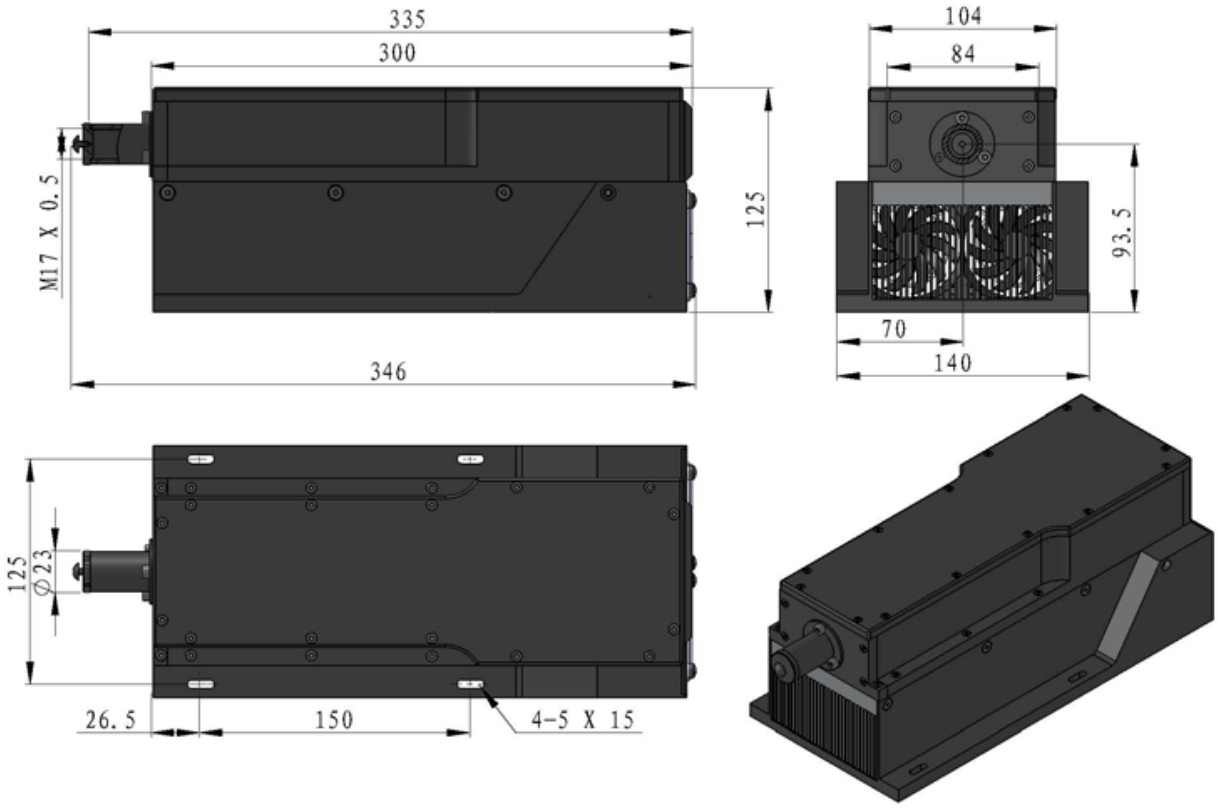
Laser Head Drawing



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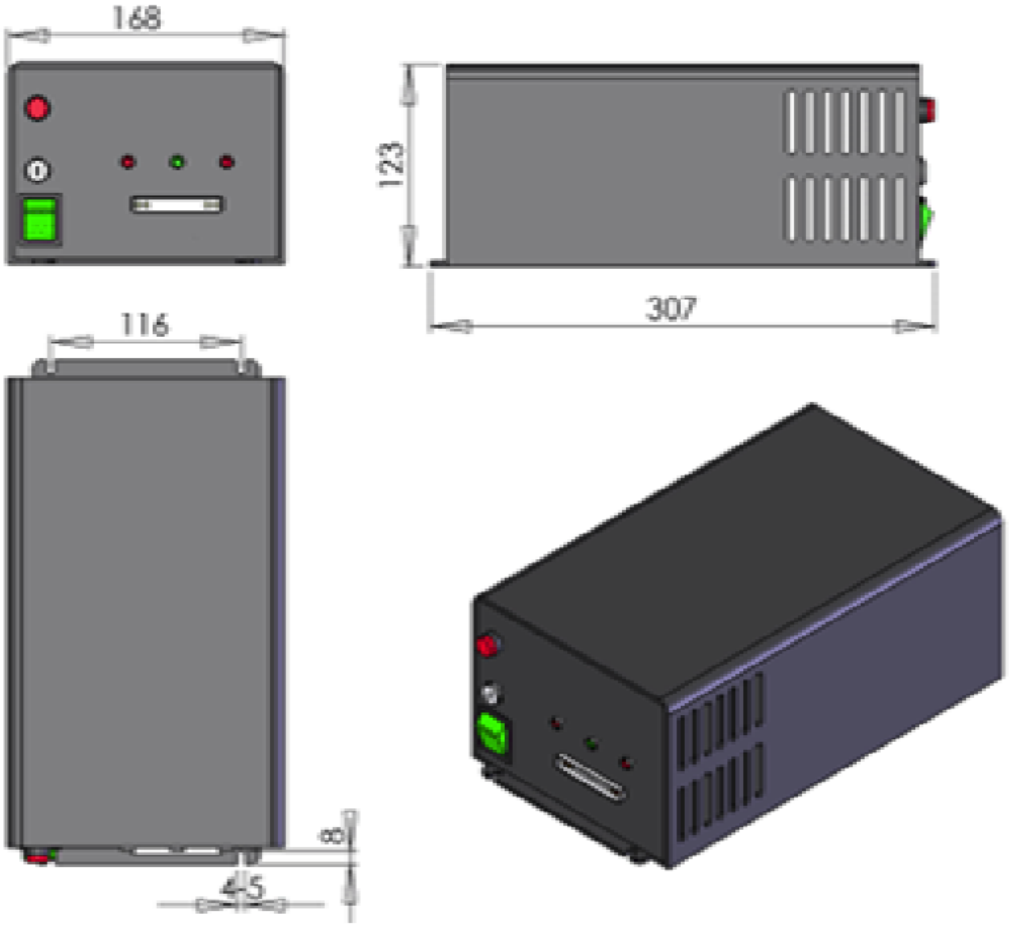
Power Supply Drawing



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