TW3600R3740 Series 3600-3740nm Wavelength Tunable DPSS Laser System up to 1000mW

Overview

The TW3600R3740 series wavelength tunable diode pumped all solid-state laser is ideal for applications that require a wavelength range of 3600-3740nm and output power levels up to 1000mW. The laser is widely used in remote sensing, spectroscopy, medical and many other applications.

Specifications

Model Number		**TW3600R3740-XZ**
Tunable wavelength range (nm)		3600-3740
Wavelength deviation (nm)		±20
Operating mode		CW
Average power (mW)		>500 **(X=500)**, >1000 **(X=1W)**
Power stability (rms, over 4 hours)		<5% **(Z=A)**
Beam diameter at aperture (1/e^2, mm)		<10
Beam divergence, full angle (mrad)		<10
Warm-up time (minutes)		<10
Beam height from base plate (mm)		111.5
Operating temperature (°C)		15-30
Dimensions of laser head (mm)		402(L)×214(W)×160(H) mm^3
Weight of laser head (kg)		11.5 kg
Power supply	Input voltage	90-264VAC
	Dimensions	483.5(L)×454(W)×147.5(H) mm^3
	Weight	8.3 kg
Expected lifetime (hours)		10,000
Warranty period		10 months
FDA Compliance		FDA CDRH Title 21 CFR 1040.10/11 Class IV

Remarks:

- Specifications of the CW laser is based on the laser performance at full power output after the specified warmup period. The stability of output power may change when output power is adjusted at a different power level.

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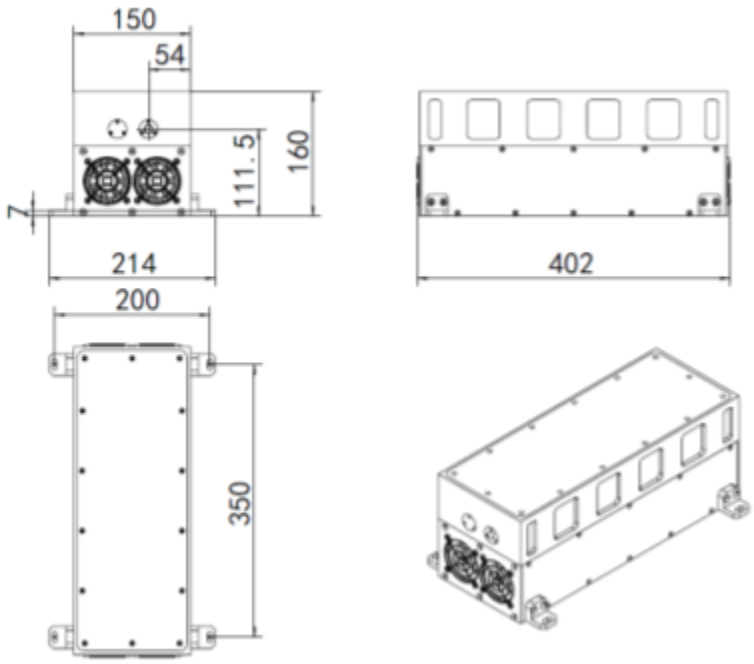
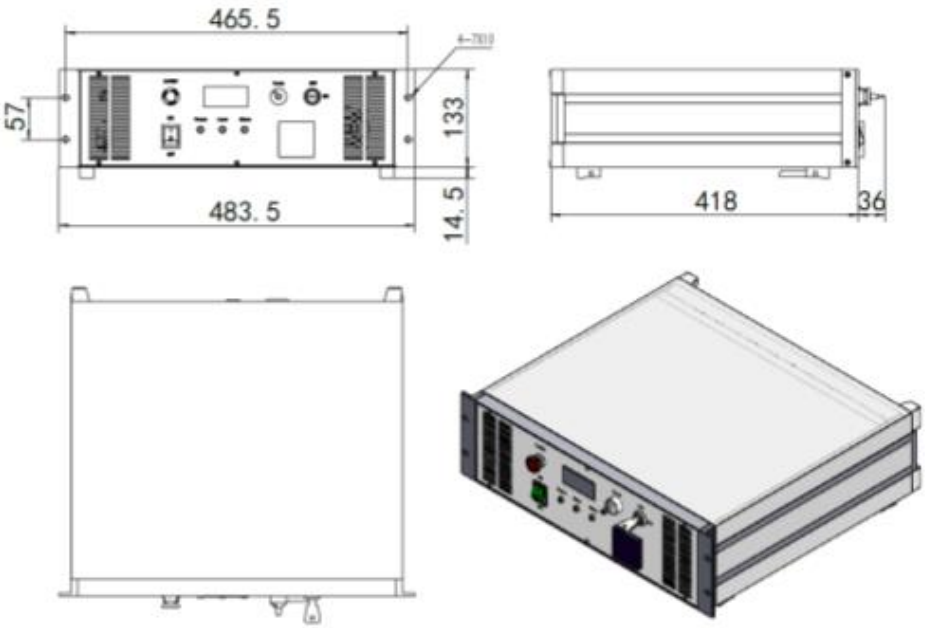
Outline Dimensions (unit: mm)

Laser Head



Power Supply



Note: The above specifications are subject to change without notice.

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