DPPS266 Series 266nm DPSS Picosecond Pulsed Laser System up to 500mW

Overview

The DPPS266 series diode-pumped all solid-state (DPSS) picosecond pulsed laser is ideal for applications that require a wavelength of 266nm and output power levels up to 500mW. The laser features short pulse duration, high repetition rate, high average power, and FDA-compliant system with driver. The laser is commonly used in laser medical treatment, industrial processing, scientific research, and many other applications.

Specifications

Model Number		**DPPS266-XPY**
Wavelength (nm)		266±1
Operating mode		Pulsed
Output power (mW)		~200 **(X=200)**, ~500 **(X=500)**
Power stability (rms, over 4 hours)		<3% **(Y=E)**, <1% **(Y=D)**
Pulse duration (ps)		<50
Repetition rate (MHz)		5
Beam diameter (mm)		~2
Beam divergence, full angle (mrad)		<3
Beam height from base plate (mm)		128
Cooled method		Air cooled
Warm-up time (minutes)		<15
Operating temperature (°C)		15~30
Dimensions of laser head (mm)		465(L)×500(W) ×170(H) mm^3
Weight of laser head (kg)		65 kg
Power supply	Input voltage	220V AC
	Dimensions	850(L) ×545(W) ×590(H) mm^3
	Weight	85 kg
Expected lifetime (hours)		10,000
Warranty period		10 months
FDA Compliance		FDA CDRH Title 21 CFR 1040.10/11 Class IV

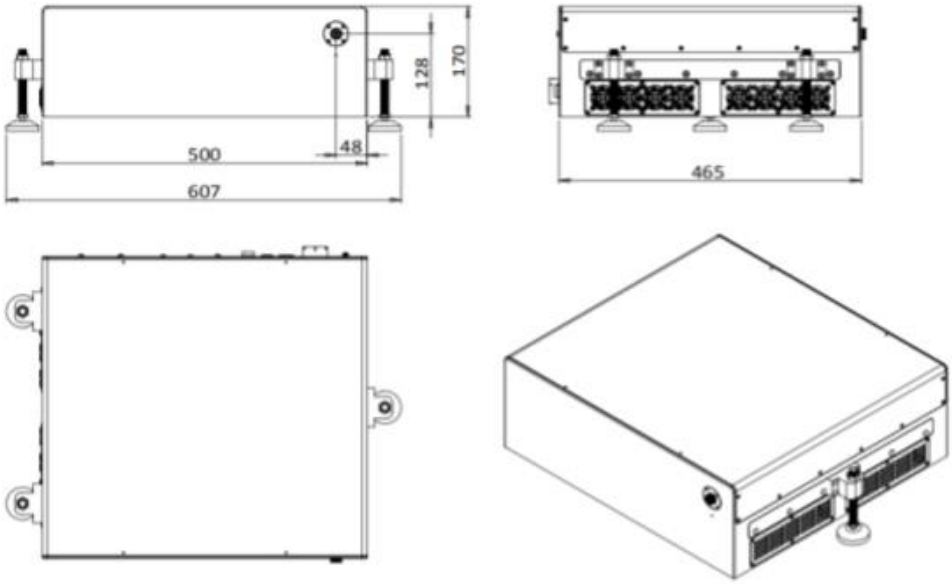
Remarks:

- Specifications of the pulsed laser is based on the laser pulsed at the specified repetition rate. If the laser is run at a different repetition rate, the output characteristics may change.
- Specifications are subject to change without notice.

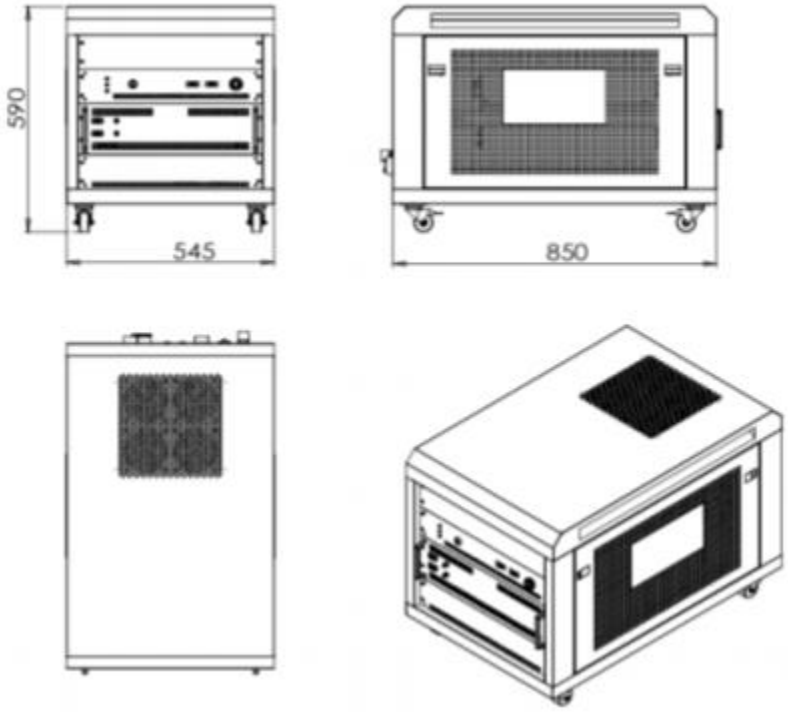
Lasermate Group, Inc.
19608 Camino De Rosa, Walnut, CA 91789, USA
Tel: (909)718-0999 | Fax: (909)718-0998 | E-mail: info@lasermate.com | URL: http://www.lasermate.com

Outline Dimensions (unit: mm)

Laser Head



Power Supply



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

Lasermate Group, Inc.
19608 Camino De Rosa, Walnut, CA 91789, USA
Tel: (909)718-0999 | Fax: (909)718-0998 | E-mail: info@lasermate.com | URL: http://www.lasermate.com