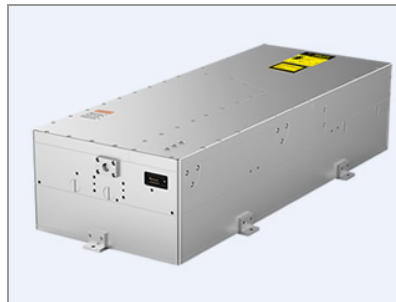


PRODUCTS

[HOME >> Products](#)

Poplar Mid-Power Nanosecond UV Lasers

- Stable output of power and pulse width
- Excellent beam quality, $M^2 < 1.2$
- High beam pointing stability
- Wide repetition rate range: 20-200kHz
- Controllable with RS232 interface
- Unique Intracavity frequency doubling technology
- Triggerable external



All Products

- Femtosecond Pulsed Fiber Laser
- Olive-532-4 Olive-1064-10
- **Olive-532-15 Olive-1064-30**
- Olive-1064-50
- **Poplar-355-3 Poplar-355-5**
- **Poplar-355-12 Poplar-355-18**
- Spruce-532-10 Spruce-532-20
- Spruce-532-35
- **Erai-S Olive-S**

Parameters

	Poplar-355-12	Poplar-355-18
Wavelength	355nm	355nm
Output Power	>12W@80kHz	>18W@60kHz
Repetition Rates	50kHz-200kHz	50kHz-200kHz
Pulse Width	<15ns@80kHz	<15ns@60kHz
Power Stability	≤5%rms	≤5%rms
Pulse-to-pulse Stability	≤3%rms	≤3%rms
Spatial Mode	TEM ₀₀ (M ² ≤1.2)	TEM ₀₀ (M ² ≤1.2)
Beam Diameter	≤8mm	≤8mm
Beam Divergence	≤2mrad	≤2mrad
Beam-pointing Stability	<25μrad	<25μrad
Beam Roundness	≥90%	≥90%
Polarization Ratio	Horizontal, >100:1	Horizontal, >100:1
Working Material	Nd:YVO ₄	Nd:YVO ₄
Warm-up Time	<15min	<15min
Ambient Temperature	10-35°C	10-35°C
Humidity	<65%	<65%
Cooling	Water	Water
Voltage	110/220V, 50/60Hz	110/220V, 50/60Hz
Power Consumption	800W	800W
Classification	Class 4	Class 4
Laser Head Size	827x252x154 mm ³	827x252x154 mm ³



Leading Laser Manufacturer

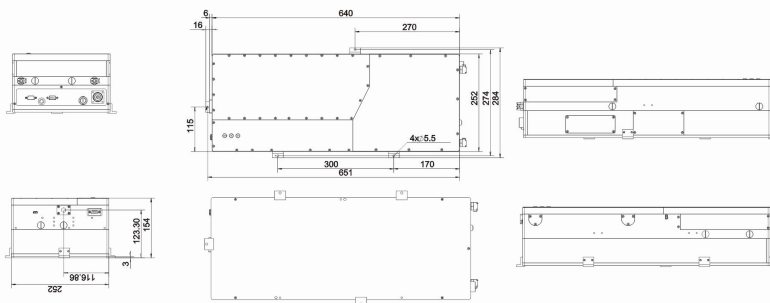
[Introduction](#)

Poplar Mid-power Nanosecond Ultraviolet Laser is integrally designed as per the manufacturing requirements of world top customers, and is simple in integration and quick in delivery. The laser can achieve narrow pulse width under high frequency, and is small in machining edge heat effect and high in efficiency. Meanwhile, the frequency tripling point moving function ensures long service life, and the online monitoring function is optional to comply with the industrial machining requirements under stringent conditions.

Application

This series of products is mainly applied to high-end market of ultra-precision machining, including the fields of PCB/FPCB cutting and splitting, ceramic material perforation and scribing, glass/sapphire/wafer cutting, LED substrate wafer scribing, etc.

Size



Huaray Laser All rights reserved

鄂ICP备10204937号-1

鄂公网安备42018502001358号

Site Map

[Home](#)
[Products](#)
[Application](#)
[About Us](#)
[Contact Us](#)
[Chinese Version](#)
[Mailbox](#)

Products

Femtosecond Laser
[Olive-532-4](#) [Olive-1064-10](#)
[Olive-532-15](#) [Olive-1064-30](#)
[Olive-1064-50](#)
[Poplar-355-3](#) [Poplar-355-5](#)
[Poplar-532-7](#)
[Poplar-355-12](#) [Poplar-355-18](#)
[Spruce-355-3](#) [Spruce-355-5](#)
[Spruce-532-10](#) [Spruce-532-20](#)
[Spruce-532-35](#)

Contact us

Int.Call:86-(0)27-87929683

Fax:86-(0)27-65332638

E-mail:info@huaraylaser.com

Website:www.huaraylaser.com

