

Olive Mid-Power Picosecond Ultra-Fast Laser



- Own brand laser seed
- Infrared, Green or UV laser output with short pulse width (<10ps), which is the best choice for precision processing
- Outstanding beam quality ($M^2 < 1.3$)
- Crossover and power adjust function can be integrated, easy to operate

"QQMDEBJPO"



Glass Marking



Sapphire Marking



Ceramic Cutting



Semiconductor Cutting



LED/OLED Dicing



Cathode Tab Welding



Solar Panels Coating



Film Scribing



Wafer

Specifications **OLIVE-355-10** **OLIVE-532-15** **OLIVE-1064-30**

Olive Mid-power Picosecond Ultra-Fast Laser is a high performance-to-price ratio product. It is putting out by Huaray and Attodyne, which combine the advanced technology of Attodyne's R&D centre and Huaray's manufacturing ability. Own brand laser seed, purchase & maintenance cost decrease 50%. Power stability less than 3% rms, can offer stable infrared, green or UV laser output with short pulse width (<10ps). The product can be customized according to customers' requirements concretely.

Olive features high reliability and less maintenance cost, it is the best choice for precision processing.



WUHAN HUARAY PRECISION LASER CO., LTD.

Olive Mid-Power Picosecond Laser Datasheet

SPECIFICATIONS	Olive-1064-30A	Olive-1064-30B	Olive-532-15	Olive-355-10
Wavelength	1064nm		532nm	355nm
Output Power	30W@500kHz	17.5W@50kHz	15W@500kHz	10W@1MHz
Maximum Pulse Energy	100μJ@200kHz	350μJ@50kHz	30μJ@500kHz	10μJ@1MHz
Repetition Rate	200kHz to 1MHz	50kHz to 100kHz	400kHz to 1MHz	
Pulse Width	10ps			
Power Stability	≤3% rms			
Peak-to-peak Stability	≤2% rms			
Spatial Mode	TEM ₀₀ (M ² ≤1.3)			
Beam Diameter	2.4mm±0.2mm		1.5mm±0.2mm	
Beam Divergence	≤1.5mrad		≤2mrad	
Beam Roundness	≥90%		≥85%	≥90%
Polarization Ratio	Vertical, 100:1		Horizontal, 100:1	
Warm-up Time	30min			
Ambient Temperature	15-35°C			
Humidity	65%			
Cooling	Water			
Voltage	100 to 240 VAC			
Power Consumption	1200W			
Classification	Class 4			
Laser Head Size	840x466x186mm ³		1000x466x186mm ³	1000x466x195mm ³
Power Supply Model	P-1200B0			
Power Supply Size	484x412x88mm ³			

Mechanical Specifications

