

PS-D-1064/532/355/266-Air



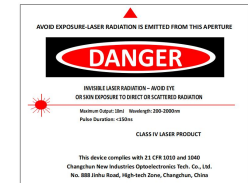
PICOSECOND PULSED LASER AT
1064/532/355/266nm

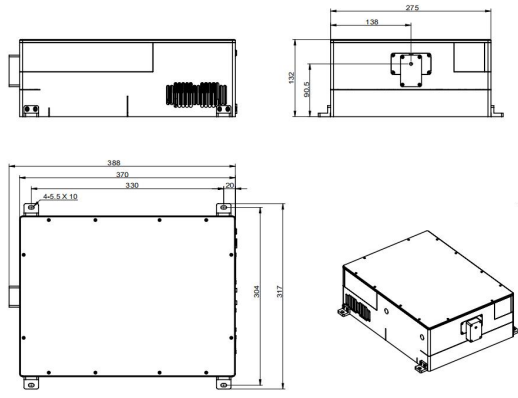
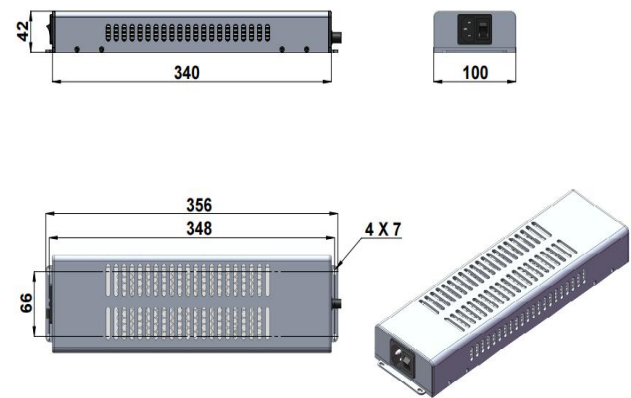
Picosecond pulsed laser is characterized by short pulse duration and good beam quality, which is used in glass marking, sapphire marking, ceramic cutting, semiconductor cutting, solar panel coating, film scribing, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1	532±1	355±1	266±1
Output power (mW)	1-7000@1MHz	1-3000@1MHz	1-1000@1MHz	1-100@1MHz
Rep.rate ¹	1kHz-10MHz			
Pulse duration (ps) ²	~10			
Ave power stability (rms, over 4 hours)	<3%, <2%, <1%			
Transverse mode	TEM ₀₀			
Beam Circularity (%) ³	>90			
Beam divergence, full angle (mrad)	<3			
Beam diameter at the aperture (1/e ² , mm)	~1.2			
M ²	<1.2			
Polarization ratio	>100:1 Horizontal (Vertical optional)			
Beam height from base plate (mm)	90.5			
Warm-up time (minutes)	≥30			
Cooling method	Air cooled			
Operating temperature (°C)	20-30			
Operating voltage (VDC)	24V/20.9A			
Expected lifetime (hours)	>10000			



<p>LASER HEAD (Driver Integrated)</p>  <p>370 (L) × 317 (W) × 132 (H) mm³, 20 kg</p>	<p>POWER SUPPLY (100-240VAC)</p>  <p>DC24V 20.9A; 356(L) × 100 (W) × 42 (H) mm³, 1.6kg</p>
--	--

1 Other rep.rate range available on request.
 2 Other pulse width available on request.
 3 Better beam circularity available on request.