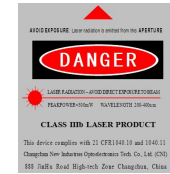


UV-FN-xxx-X series



LD PUMPED ALL-SOLID-STATE UV LASER

All solid state UV laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	320±1	360±1
Operating mode	CW	
Output power (mW)	1-30	1-50
Power stability (rms, over 4 hours)	<2%, <1%	
Transverse mode	TEM ₀₀	
M ² factor	<1.5	
Beam diameter at the aperture (1/e ² , mm)	<1.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization Ratio	>50:1, Vertical (Horizontal Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	29.5	
Cooled method	Fan Cooled	
Operating Temperature (°C)	10-35	
Power supply (90-264VAC)	PSU-SR	
Warranty	1 year	

Note: The laser head needs to be used on a heat sink with good heat dissipation.

LASER HEAD	POWER SUPPLY (PSU-SR)
<p style="text-align: center;">128(L)×70(W)×45(H) mm³</p>	<p style="text-align: center;">188(L)×145(W)×83(H) mm³, 1.2kg</p>