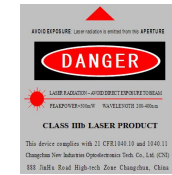




UV-A-xxx series

**LD PUMPED ALL-SOLID-STATE LASER**

All solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



**SPECIFICATIONS**

Wavelength (nm)	355±1	
Operating mode	CW	
Output power (mW)	20-150	150-200 can be customized, please consult.
Power stability (rms, over 4 hours)	<10%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Polarization Ratio	>50:1 (Horizontal or Vertical Optional)	
Spectral purity	>99%	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	52.4	
Operating Temperature (°C)	10-35	
Modulation optional	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation optional	
Power supply (90-264VAC)	PSU-W-LED/PSU-W-FDA	
Warranty	1 year	

LASER HEAD	POWER SUPPLY (PSU-W-LED)	POWER SUPPLY (PSU-W-FDA)
<p style="text-align: center;"><math>304(L) \times 177(W) \times 87(H) \text{ mm}^3</math></p>	<p style="text-align: center;"><math>335(L) \times 168(W) \times 141(H) \text{ mm}^3, 4.2 \text{ kg}</math></p>	<p style="text-align: center;"><math>323(L) \times 168(W) \times 123(H) \text{ mm}^3, 4.1 \text{ kg}</math></p>