

OEM-V-532-LN/5~30W

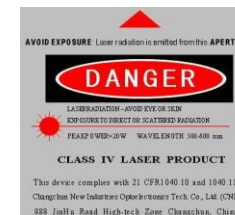
**LD PUMPED ALL-SOLID-STATE
LOW NOISE GREEN LASER**

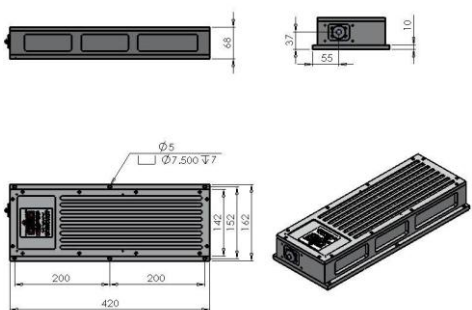
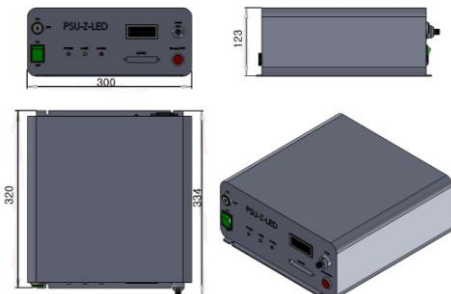
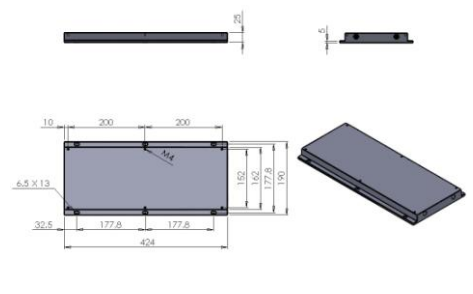

All solid state 532nm low noise laser is made features of ultra compact, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc



SPECIFICATIONS

Wavelength (nm)	532±1		
Operating mode	CW		
Output power (W)	>5, 5.5, ..., 10	11, 12, ..., 15	16, 20, ..., 30
Power stability (rms, over 4 hours)	<1%, <2%, <3%		
Transverse mode	TEM ₀₀		
Noise of amplitude (rms, 1~20MHz)	<1%		
M ² factor	<1.2	1.5~3.0	/
Beam divergence, full angle (mrad)	<1.5	<1.5	<2.0
Beam diameter at the aperture (1/e ² , mm)	~3.0	~4.0	~6.0
Warm-up time (minutes)	<10		
Beam height from base plate (mm)	37 (without water cooling plate)		
Polarization ratio	>50:1		
Cooled method	Water Cooled		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-Z-LED		
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional		
Expected lifetime (hours)	10000		
Warranty period	1 year		



OEM-V-532	PSU-Z-LED	Water Cooling Plate (Optional)	WCH-370 (Optional)
 <p>420 (L) ×162 (W) ×68 (H) mm³, 5.4 kg</p>	 <p>320 (L) ×300 (W) ×123 (H) mm³, 5.2 kg</p>	 <p>424 (L) ×190 (W) ×25 (H) mm³, 4.5 kg</p>	 <p>580 (L) ×290 (W) ×470 (H) mm³, 23 kg</p>