

OEM-N-577 / 1~1200mW



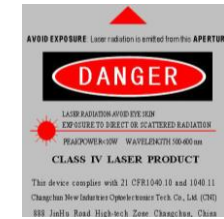
LD PUMPED ALL-SOLID-STATE
YELLOW LASER AT 577nm

All solid state 577 nm yellow laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Wavelength (nm)	577±2
Operating mode	CW
Output power (mW)	>1, 100, 200, ..., 1200
Power stability (rms, over 4 hours) at 25℃	<1%, <2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<3.0
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~3.5
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Beam height from base plate (mm)	30
Operating temperature (℃)	22.5+/-2.5
Driver (12VDC 25A)	PSU-OEM-W (key switch and emergency stop are available on request)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



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

OEM-N-577	PSU-OEM-W		Accessory (Power supply 100-240VAC)
	A heat dissipation	No heat dissipation	
<p>212 (L) × 70 (W) × 52.6 (H) mm³, 1.4 kg</p>	<p>172 (L) × 140.5 (W) × 55 (H) mm³, 0.8 kg</p>	<p>170 (L) × 105 (W) × 39 (H) mm³, 0.7 kg</p>	<p>12VDC 25A: 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg</p>