

OEM-W-532/5000~18000mW

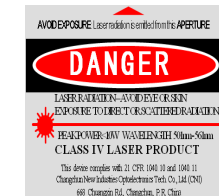
LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	532±1
Output power (mW)	>5000, 6000..., 18000
Transverse mode	Near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%
Warm-up time (minutes)	<10
M ² factor	3.0-6.0
Beam divergence, full angle (mrad)	<17
Beam diameter at the aperture (mm)	~2.0
Beam height from base plate (mm)	41 with TEC, 31 without TEC
Polarization ratio	>100:1
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	22.5+/-2.5
Pins information	A3, positive of diode; A1, negative of diode
Expected lifetime (hours)	10000
Warranty time	The warranty is 3 months, excluding the LD failure.



Note: The power supply needs to be with the over current protection function.

OEM-W-532	Dimension (With TEC)	Dimension (Without TEC)	Accessories
<p>2.835 kg</p>	<p>300(L)×132(W)×72(H) mm³</p>	<p>312(L)×82(W)×54(H) mm³</p>	<p>Collimation system</p>