

### OEM-W-532/5000~18000mW

### SPECIFICATIONS

### LD PUMPED ALL-SOLID-STATE GREEN LASER


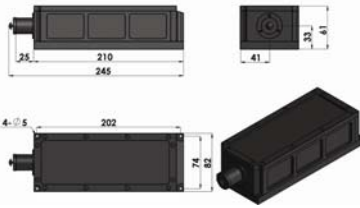



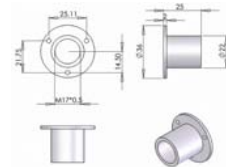

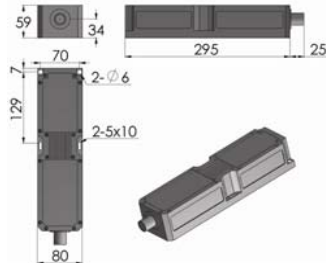



All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



Wavelength (nm)	532±1	
Model	OEM-SW	OEM-W
Output power (mW)	>5000, 6000...., 9000	10000, ...., 18000
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M <sup>2</sup> 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)	34	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	22.5+/-2.5	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
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.

Model	Dimension	PC board	Adapter	Power supply	Accessories
<b>OEM-SW</b>  245(L)×82(W) ×61(H) mm <sup>3</sup> , 2.3 kg		 263(L)×82(W) ×27(H) mm <sup>3</sup>	 220(L)×125(W) ×75(H) mm <sup>3</sup>	 2 paths: 15V 12A 1path: 12V, 15A;	
<b>OEM-W</b>  295(L)×80(W) ×59(H) mm <sup>3</sup> , 2.9 kg		 204(L)×112(W) ×34(H) mm <sup>3</sup>	 213(L)×107(W) ×49(H) mm <sup>3</sup>	 3 paths: 18V, 20A	<b>Collimation system</b> 