Specification Sheet

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OEM-W-532/10~18W

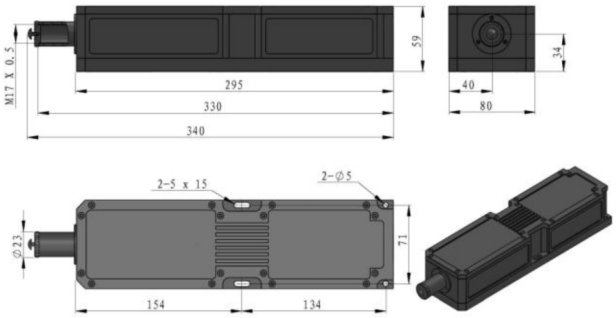
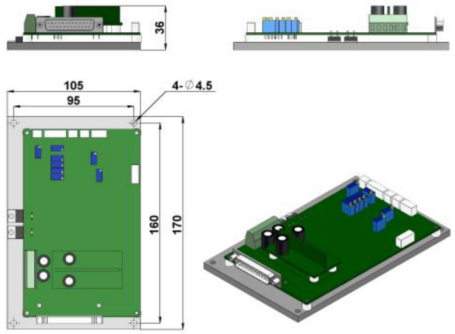
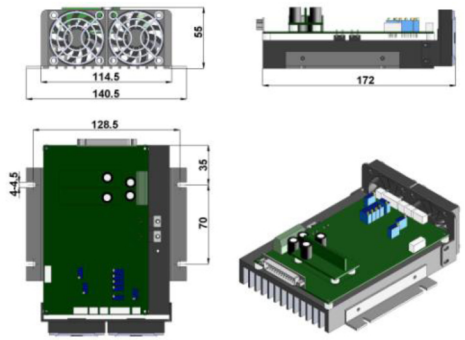
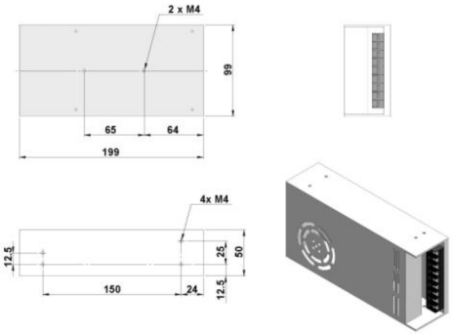
LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green 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, laser lighting show, etc.

SPECIFICATIONS

Wavelength (nm)	532±1
Model	OEM-W
Operating mode	CW
Output power (W)	10, 11, …,18
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%
Transverse mode	Near TEM_{00}
M^2 factor	3.0~6.0
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture ($1/e^2$,mm)	~4.0
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Beam height from base plate (mm)	34
Operating temperature (℃)	22.5+/-2.5
Driver (12VDC 25A)	PSU-OEM-W
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty time	1 year

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

OEM-W-532	PSU-OEM-W		Accessory (Power supply 100-240VAC)
	No heat dissipation	A heat dissipation	
			
340(L)×80(W) ×59(H) mm^3, 2.8kg	170(L)×105(W) ×36(H) mm^3, 0.5kg	172(L)×140.5(W) ×55(H) mm^3, 0.8kg	12VDC 25A：199(L)×99(W) ×50(H) mm^3, 0.9kg