



RGB-ZD-635/520/455 35-40W

COLOR DIODE LASER

Color diode laser at 635/ 520/ 455nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



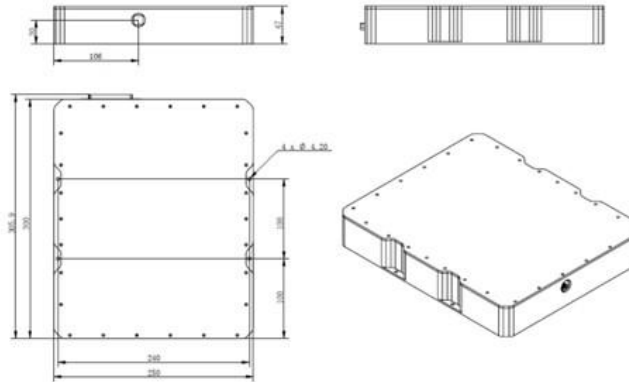
SPECIFICATIONS

Wavelength (nm)	635±5/ 520±5/ 455±5	
Output power (W)	35	40
Ratio power (W)	10/ 12/ 13	10/ 13/ 17
Beam diameter at the aperture (mm)	8.5*7.5	
Operating mode	CW	
Beam divergence, full angle (mrad)	~1.2	
Power stability (rms, over 4 hours)	<1%, <3% ...	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	30	
Operating temperature (°C)	25+/-3	
Driver (18V 23.2A)	PSU-OEM-PNDT	
Modulation option	TTL/ Analog 1Hz-30KHz, TTL on/ off	
Expected lifetime (hours)	10000	



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

Dimensions of Laser head

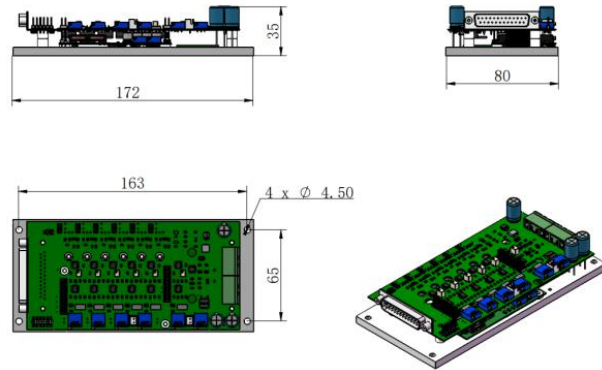


RGB-ZD

305.9 (L)*250 (W)*47 (H) mm³

PSU-OEM-PNDT

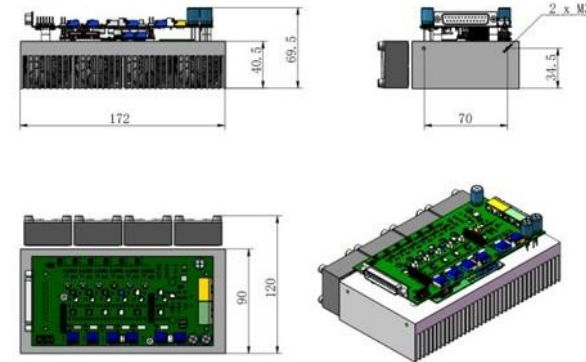
No heat dissipation



(TWO PCS)

172 (L)*80 (W)*35 (H) mm³

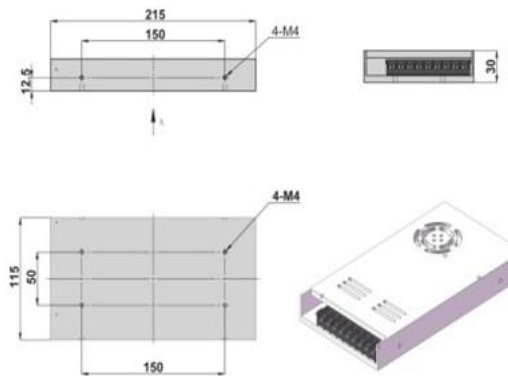
A heat dissipation



(TWO PCS)

172 (L)*120 (W)*69.5 (H) mm³

Accessory (Power supply 100-240VAC)



18V23.2A (TWO PCS)

215 (L)*115 (W)*30 (H) mm³