



RGB-JD-635/520/455 30-60W

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.



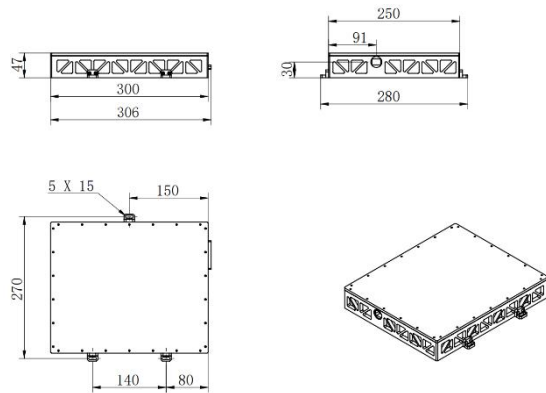
SPECIFICATIONS

Wavelength (nm)	635±5/ 520±5/ 455±5				
Output power (W)	30	35	40	50	60
Ratio power (W)	8/ 10/ 12	10.5/ 13/ 13	10/ 13/ 17	13/ 17/ 20	13/ 22/ 25
Beam diameter at the aperture (mm)	6.5*7.5		8.5*7.5		6.5*12
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 (24V 14.6A+18V 23.2A)	PSU-OEM-PNDT				
Modulation option	TTL/ Analog 1Hz-30KHz, TTL on/ off				
Expected lifetime (hours)	10000				

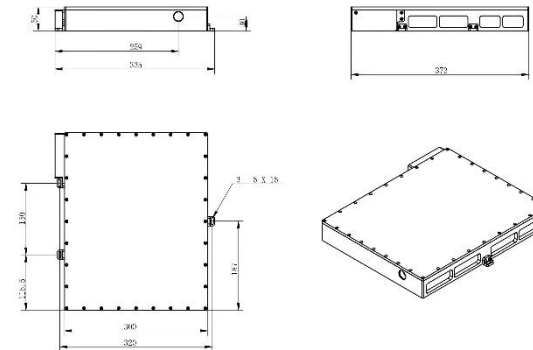


NOTE: The laser needs to be used on a heat sink with good heat dissipation.

Dimensions of Laser head



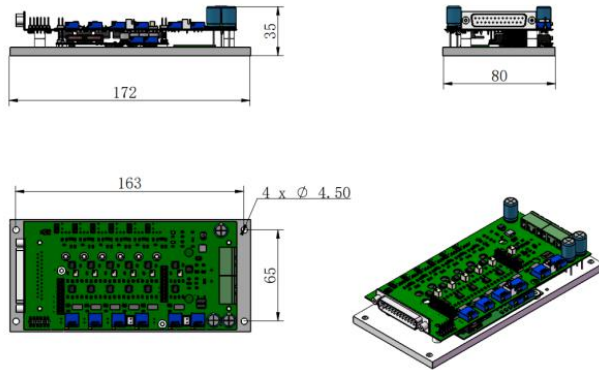
RGB-JD (30~40W) (The spot is fixed and cannot be adjusted)
306 (L)*280 (W)*47 (H) mm³



RGB-JD (50~60W)
373 (L)*335 (W)*50 (H) mm³

PSU-OEM-PNDT

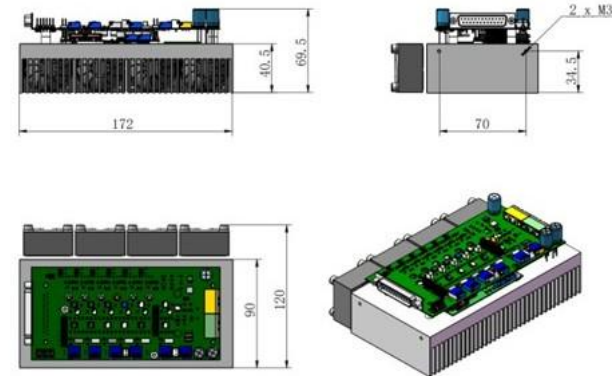
No heat dissipation



(TWO PCS)

172 (L)*80 (W)*35 (H) mm³

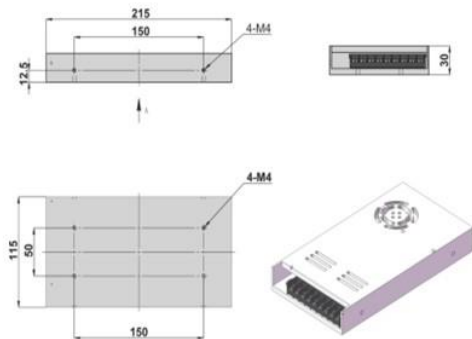
A heat dissipation



(TWO PCS)

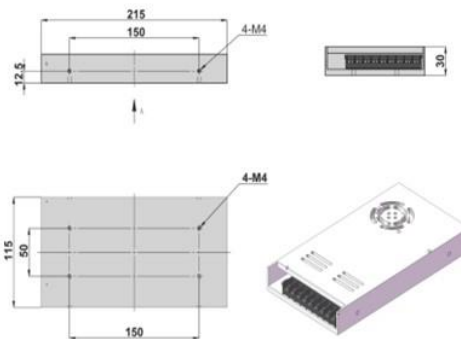
172 (L)*120 (W)*69.5 (H) mm³

Accessory (Power supply 100-240VAC)



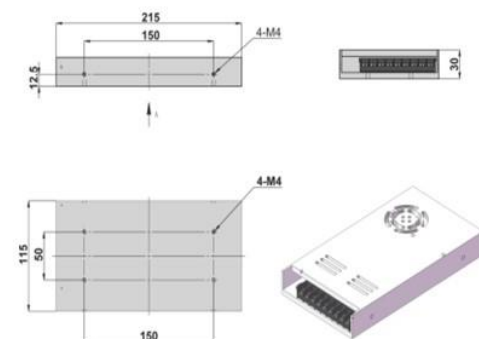
24V14.6A (30W) (TWO PCS)

215 (L)*115 (W)*30 (H) mm³



18V23.2A (35-40W) (TWO PCS)

215 (L)*115 (W)*30 (H) mm³



24V14.6A (50-60W) (THREE PCS)

215 (L)*115 (W)*30 (H) mm³