



RGB-VD-637/ 520/ 447 30W

COLOR DIODE LASER

Color diode laser at 637/ 520/ 447nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



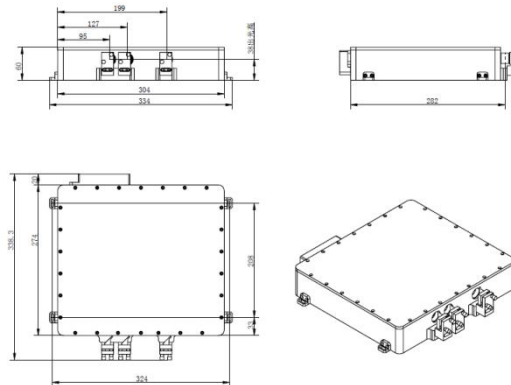
SPECIFICATIONS

Wavelength (nm)	637±5/ 520±5/ 447±5
Output power (W)	30
Ratio power (W)	8/ 10/ 12
Beam diameter at the aperture (mm)	7*8.5
Beam divergence, full angle (mrad)	~1.0
Power stability (rms, over 4 hours)	<1%
Warm-up time (minutes)	<5
Beam height from base plate (mm)	38
Operating temperature (°C)	25+/-3
Driver (24V 14.6A)	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

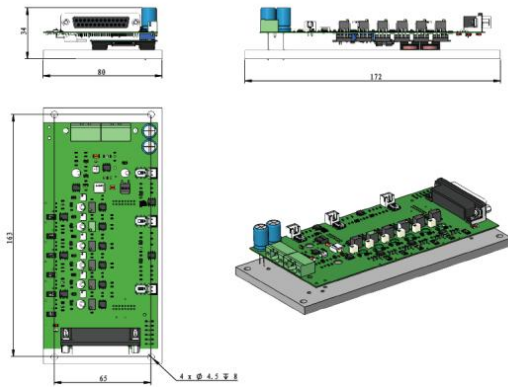


RGB-VD

334 (L)*338.4 (W)*60 (H) mm³

PSU-OEM-PNDT

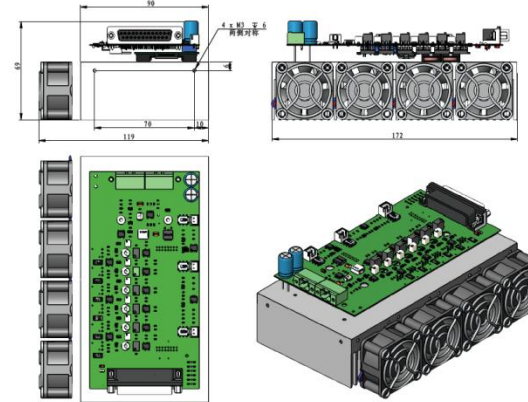
No heat dissipation



(2 PCS)

172 (L)*80 (W)*34 (H) mm³

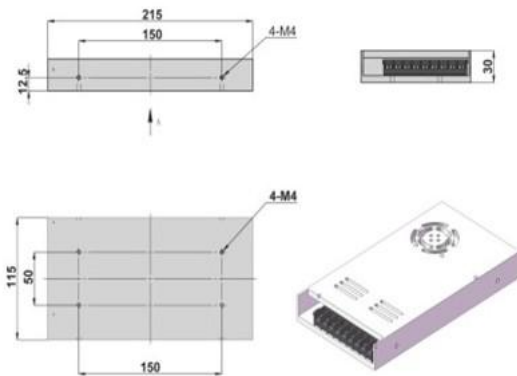
A heat dissipation



(2 PCS)

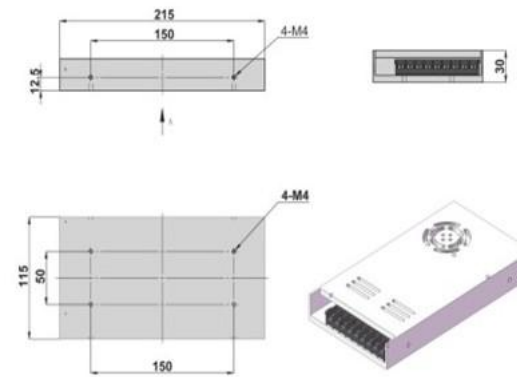
172 (L)*119 (W)*69 (H) mm³

Accessory (Power supply 100-240VAC)



24V14.6A

215 (L)*115 (W)*30 (H) mm³



24V14.6A

215 (L)*115 (W)*30 (H) mm³