



RGB-JD-635/520/455/ 50-60W

COLOR DIODE LASER

The color diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

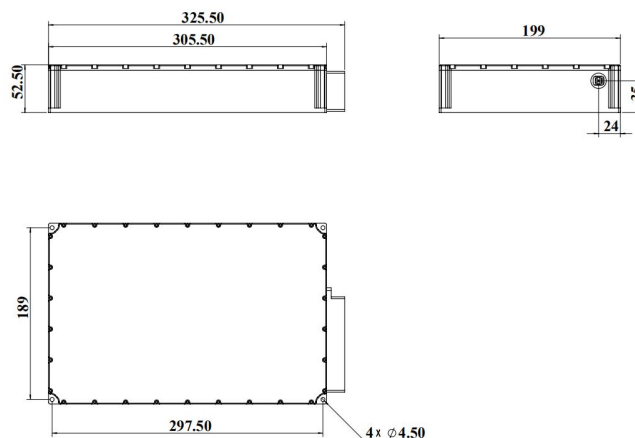


SPECIFICATIONS

Wavelength (nm)	635±5/ 520±5/ 455±5	
Output power (W)	50	60
Ratio power (W)	13/ 17/ 20	13/ 22/ 25
Beam diameter at the aperture (mm)	6.5*12	
Operating mode	CW	
Beam divergence, full angle (mrad)	~1.2	
Power stability (rms, 4 hours±3°C)	<2%, <1%	
Cooled method	Air cooled	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	30	
Operating temperature (°C)	0-30	
Power supply (24VDC)	PSU-PNDT-OEM (24V/ 14.6A)	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL/ Analog optional	
Expected lifetime (hours)	>10000	



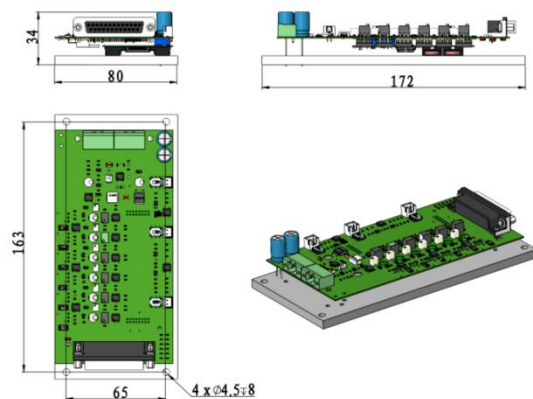
LASER HEAD¹



325.5 (L)*199 (W)*52.5 (H) mm³, 6.5kg

DRIVER (PSU-PNDT-OEM)

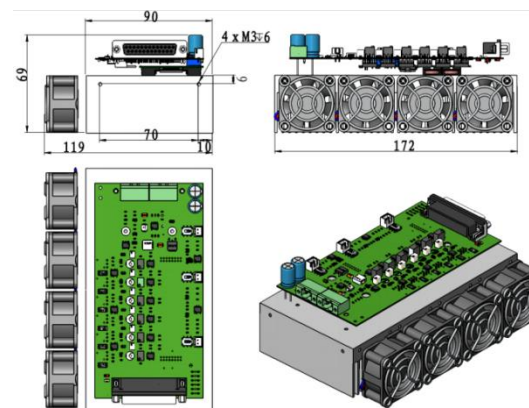
NO HEATSINK



(2 PCS)

172 (L)*80 (W)*34 (H) mm³, 0.8kg

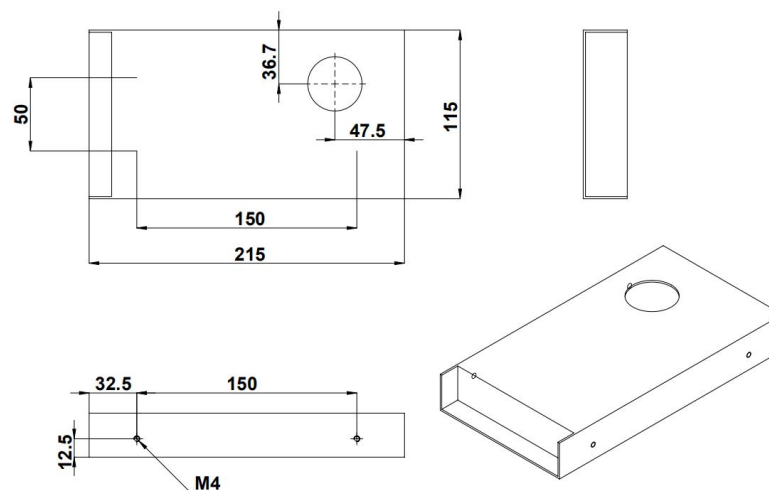
A HEATSINK



(2 PCS)

172 (L)*119 (W)*69 (H) mm³, 1.1kg

POWER SUPPLY (100/ 240VAC) optional



215 (L)*115 (W)*30 (H) mm³, 2.7kg

1 The laser head needs to be used on a heat sink with 800W heat dissipation