

OEM-JD-520/ 30-55W

GREEN DIODE LASER AT
520nm

The 520nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

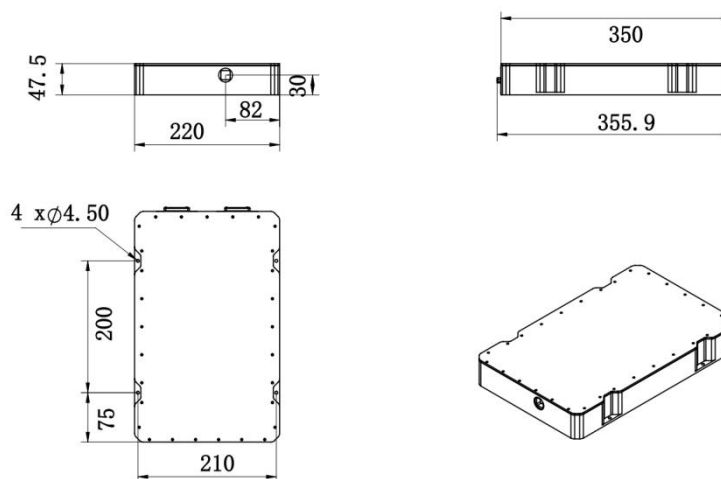


SPECIFICATIONS

Wavelength (nm)	520±5	
Output power (W)	30	40-55
Beam diameter at the aperture (mm)	9.5*12	10*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

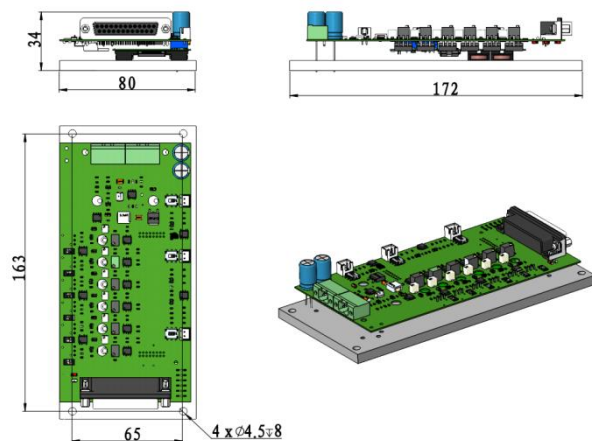


355.9 (L)*220 (W)*47.5 (H) mm³, 8.3kg

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DRIVER (PSU-PNDT-OEM)

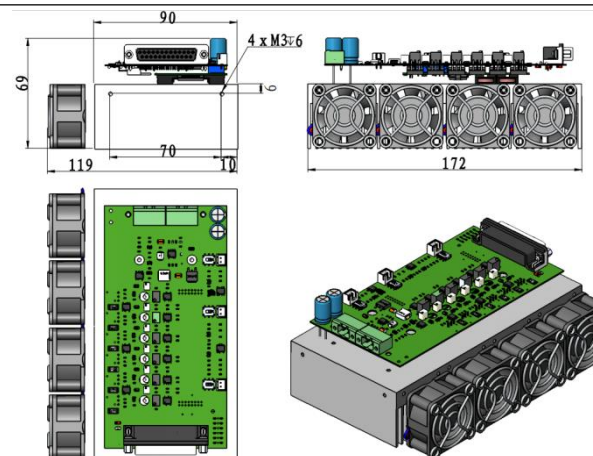
NO HEATSINK



(2 PCS)

172 (L)*80 (W)*34 (H) mm³, 0.8kg

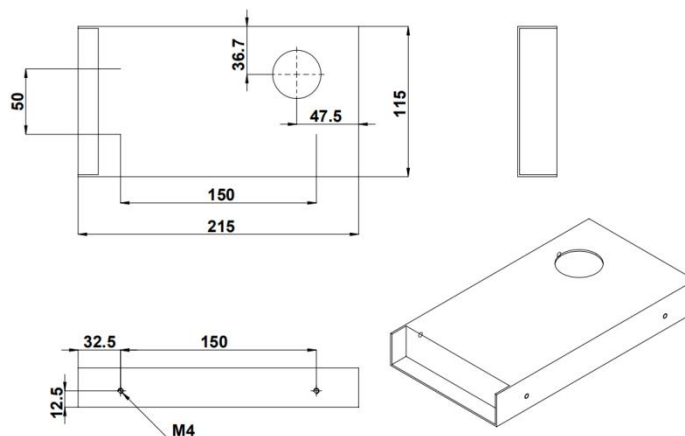
A HEATSINK



(2 PCS)

172 (L)*119 (W)*69 (H) mm³, 2.2kg

POWER SUPPLY (100/ 240VAC) optional



(3 PCS)

215 (L)*115 (W)*30 (H) mm³, 2.7kg

1 The laser head needs to be used on a heat sink with 960W heat dissipation