

OEM-AD-520/ 60W

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.

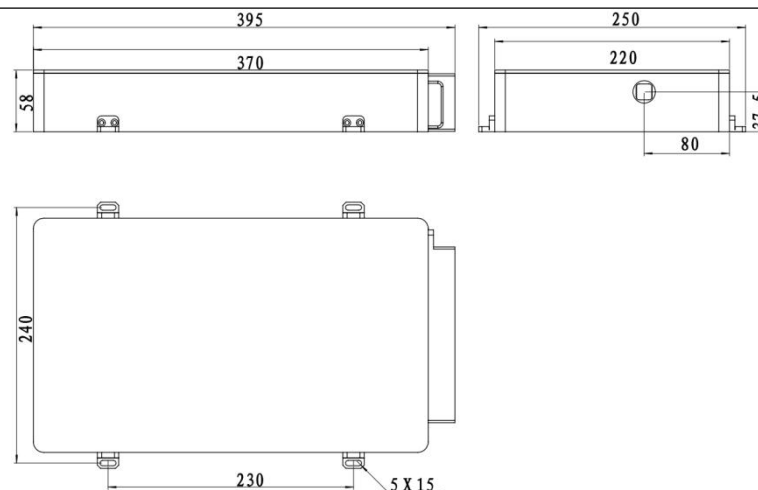


SPECIFICATIONS

Wavelength (nm)	520±5
Output power (W)	60
Operating mode	CW
Beam diameter at the aperture (mm)	10.5*11
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)	37.5
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



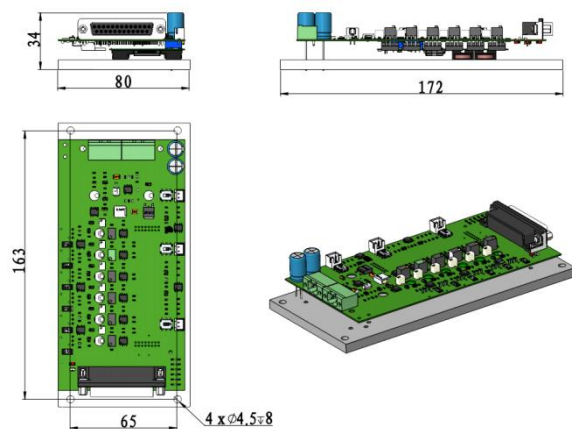
LASER HEAD¹



395 (L)*250 (W)*58 (H) mm³, 10.1kg

DRIVER (PSU-PNDT-OEM)

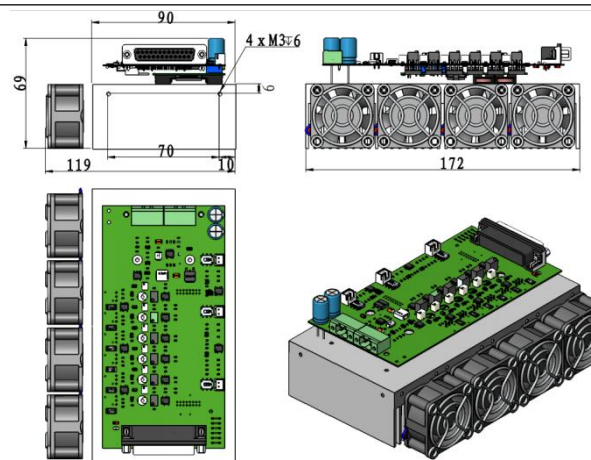
NO HEATSINK



(3 PCS)

172 (L)*80 (W)*34 (H) mm³, 1.2kg

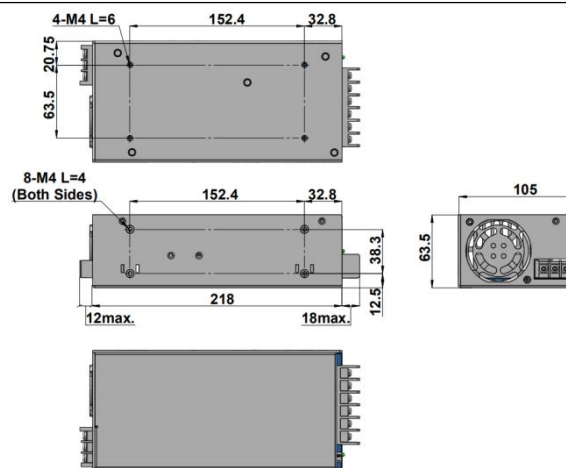
A HEATSINK



(3 PCS)

172 (L)*119 (W)*69 (H) mm³, 3.3kg

POWER SUPPLY (100/ 240VAC) optional



(2 PCS)

248 (L)*105 (W)*63.5 (H) mm³, 3kg

1 The laser head needs to be used on a heat sink with 1100W heat dissipation