

OEM-AD-455/ 70-90W

BLUE DIODE LASER AT 455nm

The 455nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

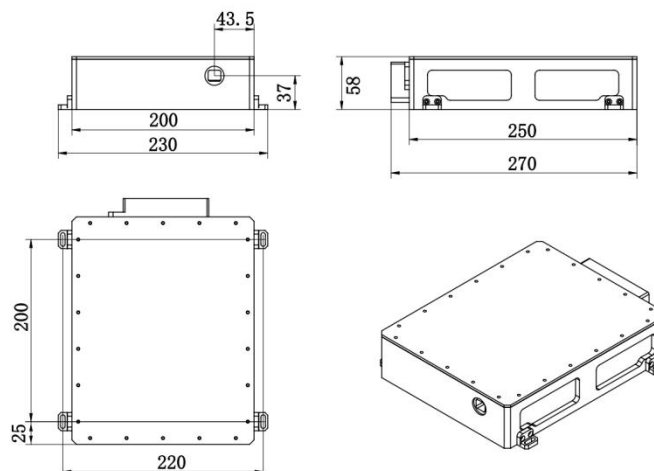


SPECIFICATIONS

Wavelength (nm)	455±5
Output power (W)	70-90
Operating mode	CW
Beam diameter at the aperture (mm)	7.5*6
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
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

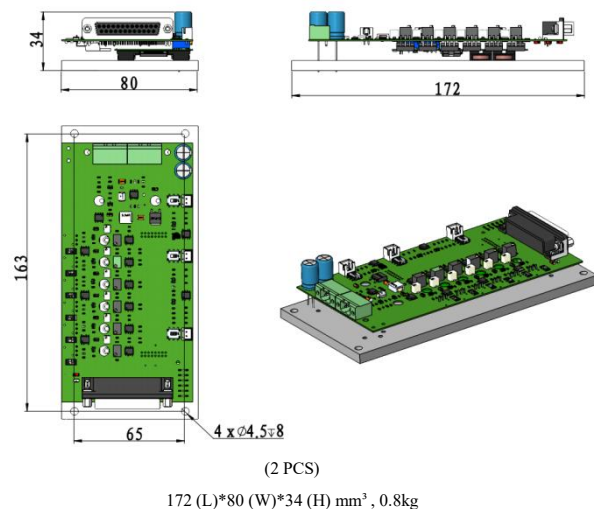


270 (L)*230 (W)*58 (H) mm³, 7.3kg

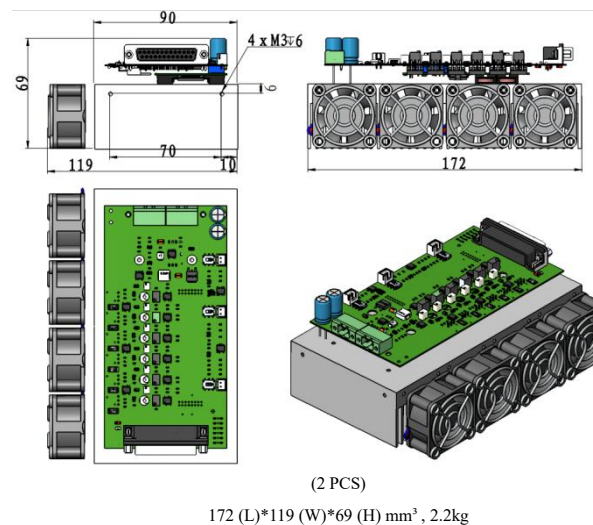
Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068

DRIVER (PSU-PNDT-OEM)

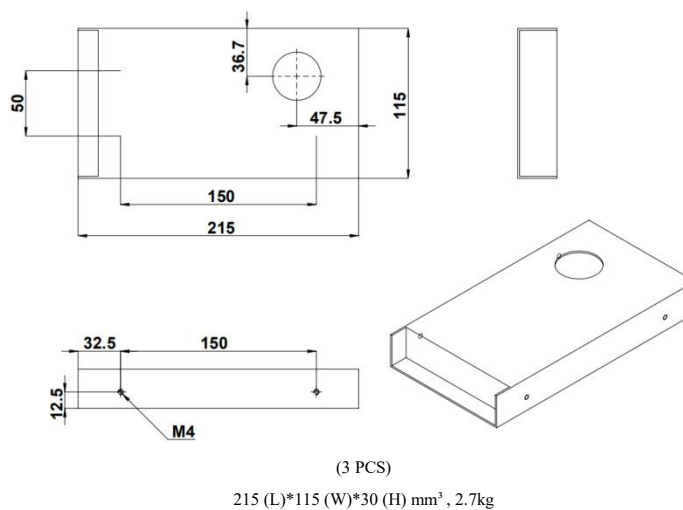
NO HEATSINK



A HEATSINK



POWER SUPPLY (100/ 240VAC) optional



1 The laser head needs to be used on a heat sink with 680W heat dissipation