

OEM-TD-635/ 25-30W

RED DIODE LASER AT 635nm

The 635nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

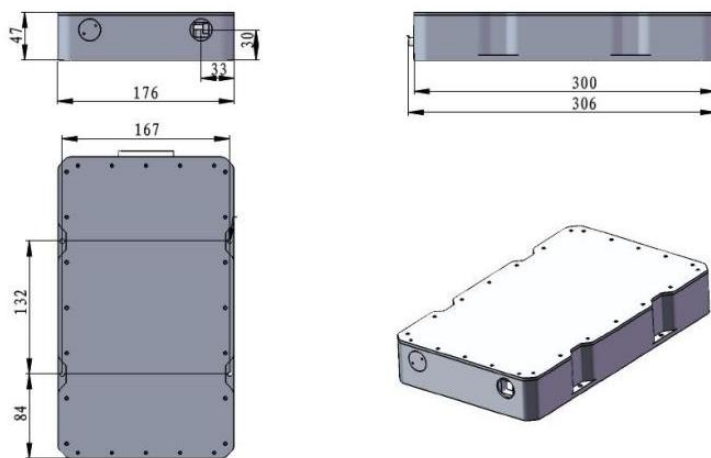


SPECIFICATIONS

Wavelength (nm)	635±5	
Output power (W)	25-30	
Beam diameter at the aperture (mm)	8.5*12	
Operating mode	CW	
Beam divergence, full angle (mrad)	~1.8	
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 (OEM-TD-635)	93.5 (TD-635-HS)
Operating temperature (°C)	0-30	
Power supply (12VDC)	PSU-PNDT-OEM (12V/ 29A)	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL/ Analog optional	
Expected lifetime (hours)	>10000	

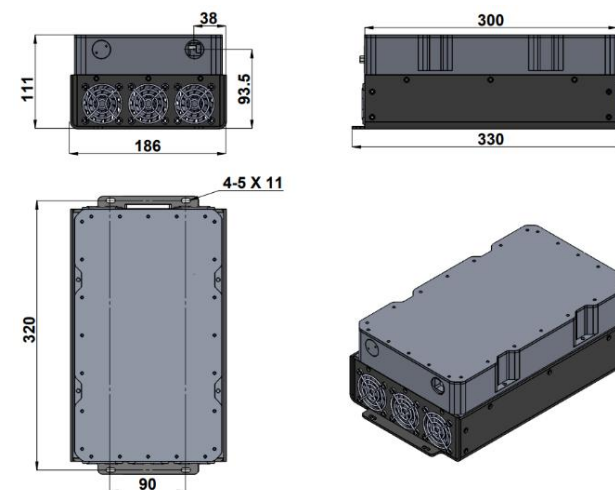


LASER HEAD (OEM-TD-635)¹



306 (L)*176 (W)*47 (H) mm³, 4.6kg

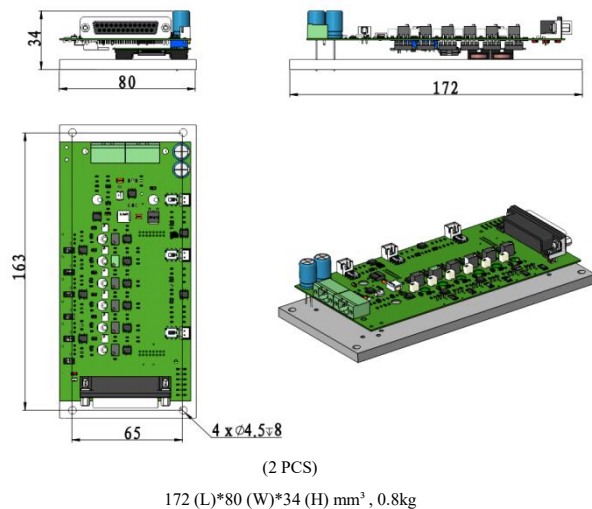
LASER HEAD (TD-635-HS)



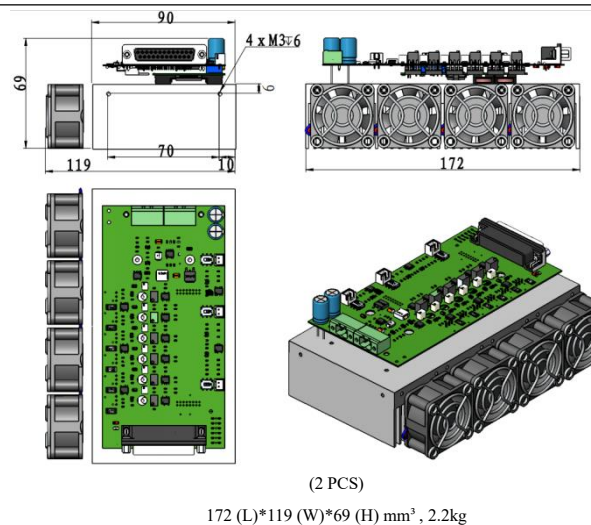
330 (L)*186 (W)*111 (H) mm³, 9.7kg

DRIVER (PSU-PNDT-OEM)

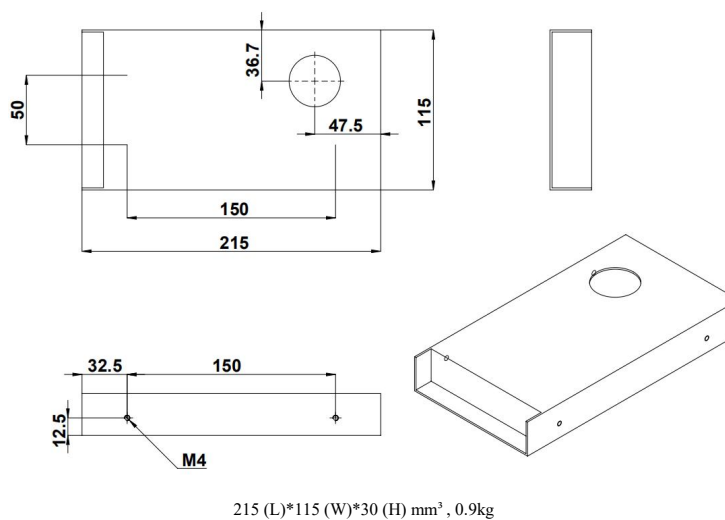
NO HEATSINK



A HEATSINK



POWER SUPPLY (100/ 240VAC) optional



1 The laser head needs to be used on a heat sink with 460W heat dissipation