

FL-355/1~40μJ/1~1000mW



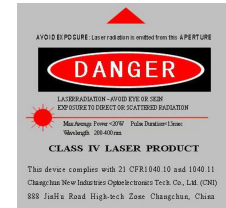
FL SERIES 355nm LASER SOURCE FOR LASER MARKING

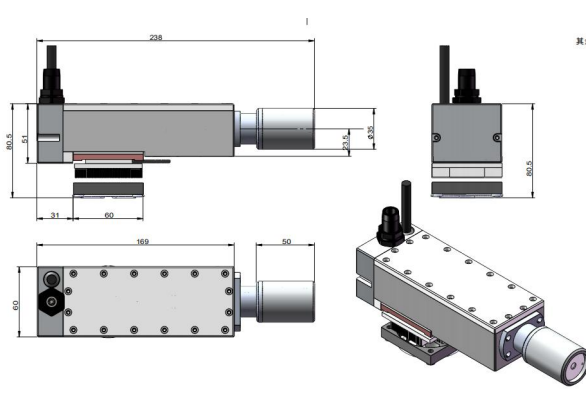
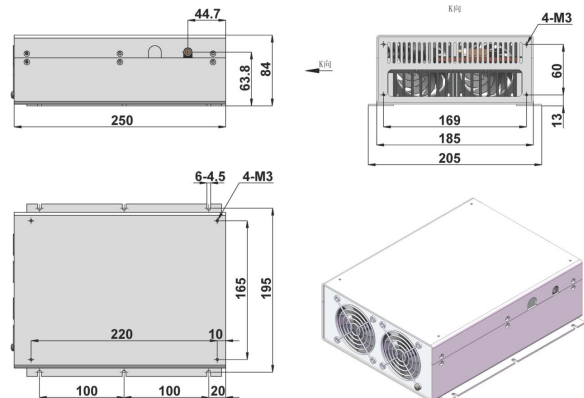
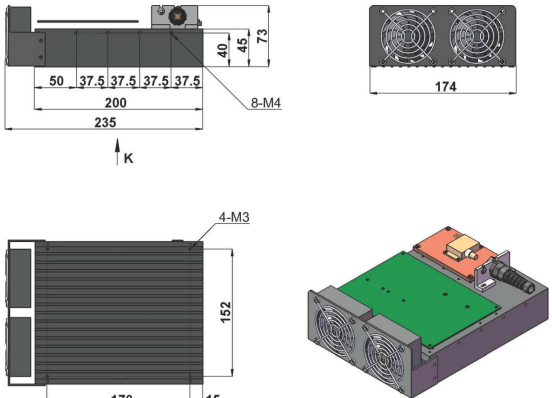
FL-355nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is used in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving and so on.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Passively Q-switched
Average power (mW)	1~1000
Single pulse energy (μJ)	1~40
Pulse duration (ns)	~3
Peak power (kW)	1~15
Rep. rate (kHz)	~20kHz, Suitable for the applications of needing high peak power.
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	~1.0
Beam diameter at the aperture (1/e ² , mm)	~6.0
Polarization ratio	>100:1, Vertical
Beam height from base plate (mm)	23.5
Warm-up time (minutes)	<15
Operating temperature (°C)	10~35
Power supply (12VDC)	PSU-FL-FDA (switching power supply 12V/25A DC, choosed) PSU-FL-OEM (switching power supply 12V/25A DC, choosed)



FL-355 (N) ^①	PSU-FL-FDA	PSU-FL-OEM
 <p>238(L) × 60 (W) × 80.5 (H) mm³, 1.5 kg</p>	 <p>250 (L) × 205 (W) × 84 (H) mm³, 3.6 kg</p>	 <p>235 (L) × 174 (W) × 73 (H) mm³, 2.6 kg</p>

Note:

① The laser head and power supply cannot be separated.