

AO-DF-248/1~20mW

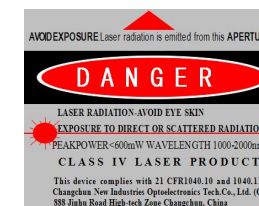
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED UV
LASER at 248nm**

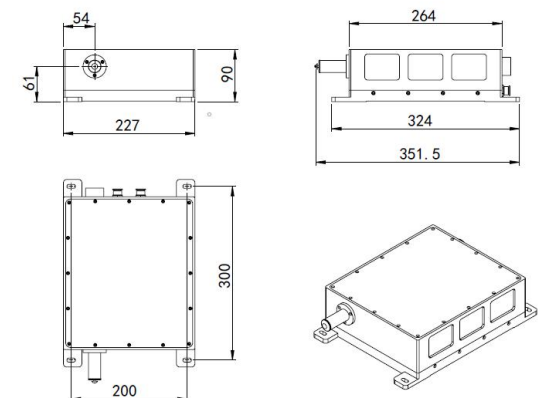
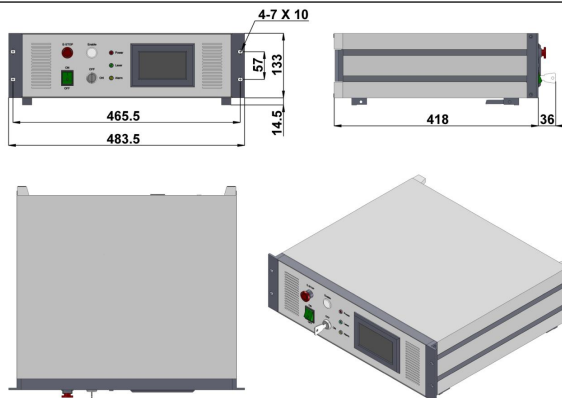
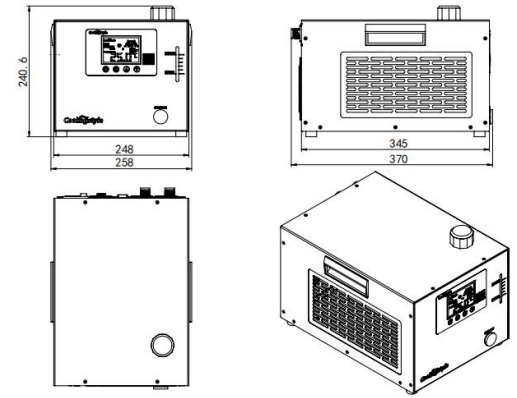
CNI's All solid state Q-switched UV laser at 248nm has the features of ultra compact, easy operating, it is widely used in UV curing, micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment, etc



SPECIFICATIONS

Central wavelength (nm)	248±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	1-20@4KHz
Pulse duration (ns)	<30@4KHz&20mW
Single pulse energy (μJ)	0.1-5
Peak power(W)	5~160
Power stability (rms, over 4 hours)	<5%
Spectral purity	>99%
Beam height from base plate (mm)	61
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Power supply	PSU-AOM (3U)
Expected lifetime (hours)	10000
Warranty period	1 year



AO-DF-248	PSU-AOM (3U)	Water Chiller(WCH-580)
 <p>351.5 (L)×227 (W) ×90 (H) mm³, 10kg</p>	 <p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p>	 <p>370(L)* 258(W)*240(H) mm³, 9.5kg</p>