

AO-U-266/200mW~400mW

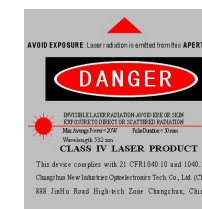
SPECIFICATIONS

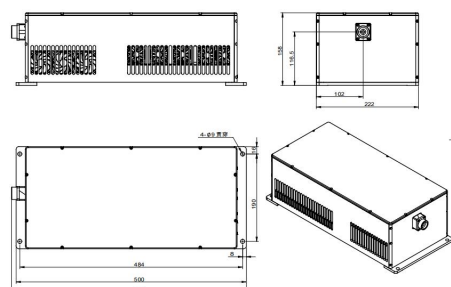
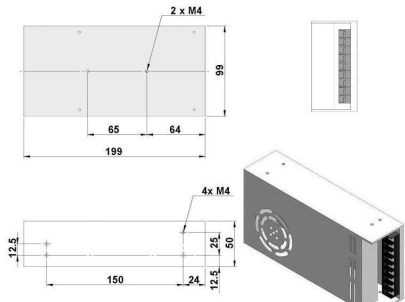
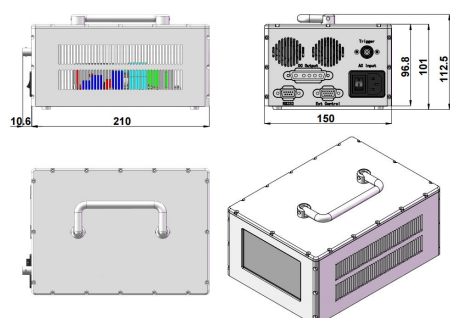
LD PUMPED ALL-SOLID-STATE
AOM Q-SWITCHED LASER

All solid state AOM Q-switched laser at 266 nm has the features of high peak power and short pulse duration, which is used in laser inner carver, laser marking, scientific research and so on.



Wavelength (nm)	266±1	
Operating mode	Acousto-Optic Q-switched	
Average power (W)	200mW@3KHz	400mW @5kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (uJ)	> 60uJ @3kHz	> 80uJ @5kHz
Rep. rate (kHz)	3~5	
Pulse duration (ns)	~15@3KHz	~15@5KHz
Peak power (kW)	~4	~5
Ave power stability (over 4 hours)	<5% , <3% , <2% , <1%	
Beam quality (M ²)	<1.2	
Beam divergence, full angle (mrad)	~3.5	
Beam diameter at the aperture (1/e ² , mm)	~0.8	
Polarization ratio	>100:1, Horizontal	
Beam height from base plate (mm)	116.5	
Warm-up time (minutes)	<10	
Cooled method	Air cooled	
Operating temperature (°C)	10~35	



AO-U-266 <i>Integrated electronics</i>	PSU-12 ^① (Power supply 100-240VAC)	PSU-12-P ^② (Power supply 100-240VAC)
 <p>522 (L) × 222(W) × 158(H) mm³</p>	 <p>DC12V 25A; 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg</p>	 <p>220.6 (L) × 150 (W) × 112.5 (H) mm³, 2.75 kg</p>

Note:

①Adaptor for 12V/25A.

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