



AO-266A 100mW~200mW



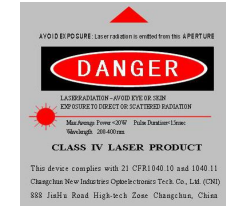
**LD PUMPED ALL-SOLID-STATE  
UV AOM Q-SWITCHED LASER**

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



**SPECIFICATIONS**

Wavelength (nm)	266±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	200mW@30kHz Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	~7μJ@30kHz
Rep. rate (kHz)	20-100
Pulse width (ns)	~10
Transverse mode	TEM <sub>00</sub>
Beam Circularity (%)	~85
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~1
Polarization ratio	>100:1, Horizontal
Beam height from base plate (mm)	80.5
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	10~35
Supply Voltage	DC 12V/25A (PSU-12/ PSU-12-P optional)



AO-266A <i>Integrated electronics</i>	PSU-12 <sup>①</sup> (Power supply 100-240VAC )	PSU-12-P <sup>②</sup> (Power supply 100-240VAC)
<p>555 (L) × 182 (W) × 120.5 (H) mm<sup>3</sup>, 10 kg</p>	<p>DC12V 25A; 199 (L) × 99 (W) × 50 (H) mm<sup>3</sup>, 0.9 kg</p>	<p>220.6(L) × 150 (W) × 112.5 (H) mm<sup>3</sup>, 2.75 kg</p>

**Note:**

①Adaptor for 12V/25A.

②Adaptor for 12V/25A, and power control function is included.