



AO-U-532& 266

532 1W-3W/ 500uJ-1mJ

266 200mW- 400mW/ 60uJ-80uJ

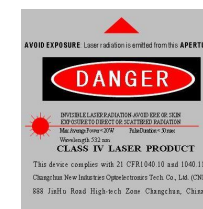
**LD PUMPED ALL-SOLID-STATE
AOM Q-SWITCHED LASER at DAUL
532NM AND 266NM**

All solid state AOM Q-switched laser at Daul wavelengths 532nm and 266nm 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.



SPECIFICATIONS

Wavelength (nm)	532±1	266±1
Operating mode	Acousto-Optic Q-switched	
Average power (W)	3W @3kHz; 3W @5kHz	200mW @3kHz; 400mW @5kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (uJ)	> 1000uJ @3kHz; > 500uJ @5kHz	> 60uJ @3kHz; > 80uJ @5kHz
Rep. rate (kHz)	1~10	3~5
Pulse duration (ns)	~15@3KHz	~15
Peak power (kW)	~66@3KHz	~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, Vertical	>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	
Supply Voltage	DC 12V/25A (PSU-12/ PSU-12-P optional)	



<p>AO-U-532&266 <i>Integrated electronics</i></p>	<p>PSU-12^① (Power supply 100-240VAC)</p>	<p>PSU-12-P^② (Power supply 100-240VAC)</p>
<p>512 (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:

① Adaptor for 12V/25A.

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