



AO-K-280/100mW/ 20uJ

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

All solid state AOM Q-switched laser at wavelengths 280 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.

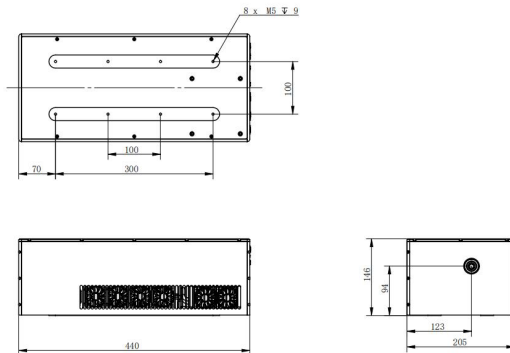


SPECIFICATIONS

Wavelength (nm)	280±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	100mw@5kHz Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (uJ)	>20uJ @5kHz;
Rep. rate (kHz)	1~10
Pulse duration (ns)	~10@5KHz
Peak power (kW)	~2@5KHz
Ave power stability (over 4 hours)	<5% ,<3% ,<2%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² , mm)	~1
Polarization ratio	>100:1,Horizontal
Beam height from base plate (mm)	94
Warm-up time (minutes)	<10
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply	DC 24V/ 20.9A (optional)

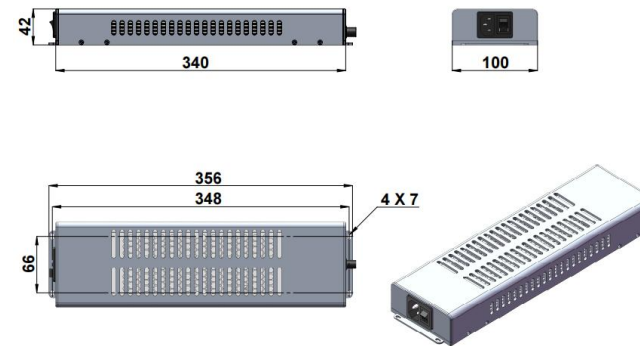


AO-K-280 *Integrated electronics*



440 (L) × 205(W) × 146(H) mm³

PSU-24 (Power supply 100-240VAC)



DC24V 20.9A;356 (L) × 100(W) × 42 (H) mm³