



AO-K-560/3000mw/30uJ

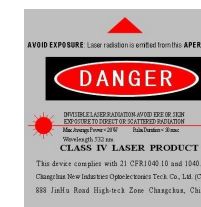
LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED LASER

All solid state AOM Q-switched laser at a wavelength of 560nm has the features of high peak power and short pulse duration, which is used in laser internal carving machines, laser marking, scientific research and so on.

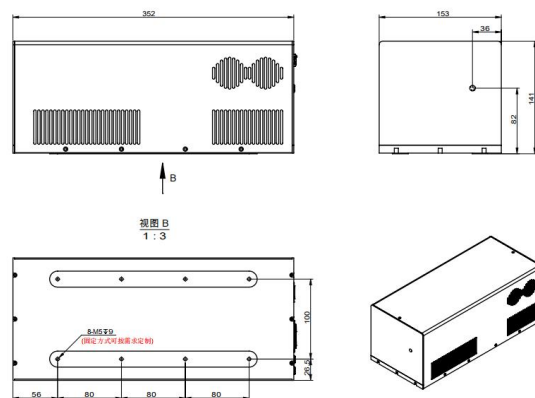


SPECIFICATIONS

Wavelength (nm)	560 ± 1	
Operating mode	Acousto-Optic Q-switched	
Average power (mW)	1000mW @20kHz	3000mW @100kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (uJ)	> 50uJ @20kHz	> 30uJ @100kHz
Rep. rate (kHz)	20~100	
Pulse duration (ns)	~5	
Peak power (kW)	~15@20KHz	~6@20KHz
Ave power stability (over 4 hours)	<5% , <3%	
Beam divergence, full angle (mrad)	<10	
Beam diameter at the aperture (1/e ² , mm)	~3	
Polarization ratio	>100:1, Vertical	
Beam height from base plate (mm)	94	
Warm-up time (minutes)	<10	
Cooled method	Air cooled	
Operating temperature (°C)	15~35	
Power supply	DC 12V/ 25A	

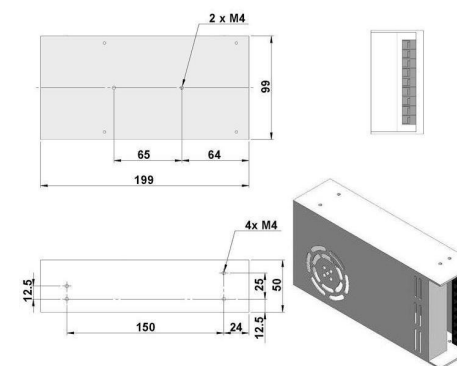


AO-K-560 Integrated electronics



352 (L) × 153 (W) × 141 (H) mm³

PSU-12 (Power supply 100-240VAC)



DC12V 25A ; 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg