Product Specifications

Product Name	UV Picosecond Laser
Model	Apus 355-5 Apus 355-15



5-15W Series UV Picosecond Laser Apus 355-5/15

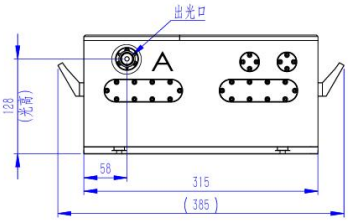
1. Specifications

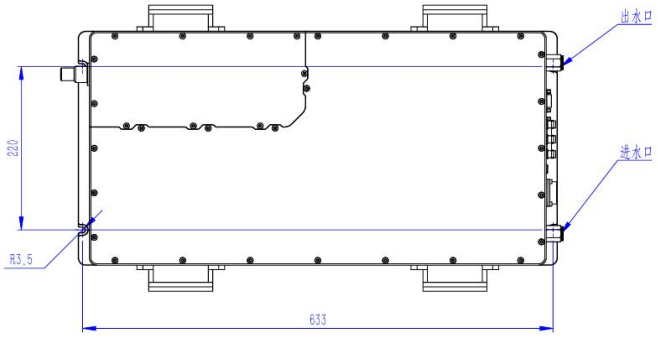
Model	Apus 355-5	Apus 355-15
Wavelength	355nm	
Base repetition rate	500kHz	
Pulse repetition rate	1kHz – 1MHz	
Pulse Width	<15ps	
Average Power	>5W@500kHz	>15W@500kHz
Maximum Pulse Energy	> 10uJ@500kHz	> 30uJ@500kHz
Average Power Stability	<1.0% rms over 8hours	
Pulse-to-Pulse instability	<1.5% rms	
Burst Mode	2-10 pulse selectable	
Beam Quality	M^2 < 1.2	
Beam Divergence	≤2mrad (Full Angle)	
$1/e^2$ Beam Diameter	2.2± 0.3 mm(@output windows 50cm)	
Polarization Direction	Horizontal	
Polarization Ratio	>100:1	
Beam Roundness	>93%	
Pointing stability	<50urad	
Cooling	Water-cooling (22℃)	
Ambient Temperature	20 – 30℃	
Relative humidity	10%-80% (non-condensing)	
Warm-up Time	<20 min	
Operating Voltage	110 – 260V/AC	
Laser head weight	<50kg	
Rated power	<1000VA	

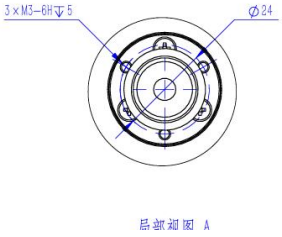
2. Mechanical Schematic

(1) Laser Head Dimensions (mm)

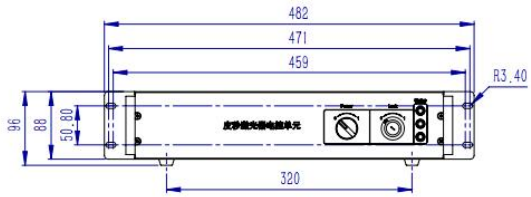


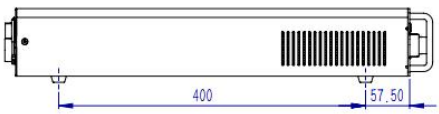


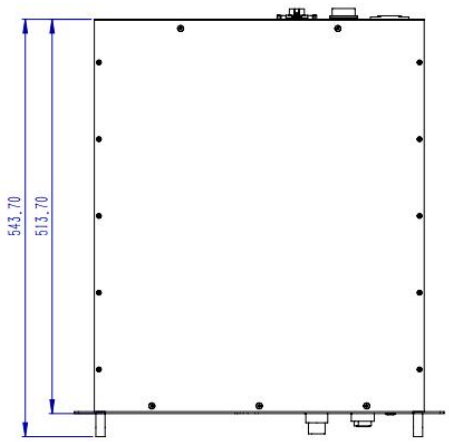




(2) Power Supply Dimensions (mm)







3. Typical Performance Data

