

PS-D-532&355-Air



**PICOSECOND PULSED LASER AT 532&355nm**

Picosecond pulsed laser is made features of short pulse duration, high repetition rate and good beam quality, which is used in glass marking, sapphire marking, ceramic cutting, semiconductor cutting, solar panels coating, film scribing, etc.

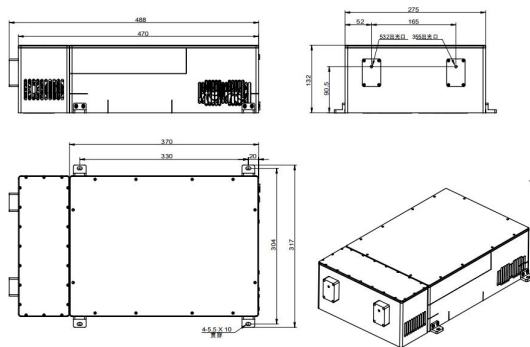


SPECIFICATION

Wavelength (nm)	532±1	355±1
Output power (mW)	1~300mW@1MHz	1~500mW@1MHz
Rep.rate (MHz)	100KHz~1MHz	
Pulse duration (ps)	~10	
Power stability (rms, over 4 hours)	<3%, <1%	
Peak-to-Peak stability ( rms ,over 4 hours)	<2 %	
Transverse mode	TEM <sub>00</sub>	
Beam Circularity (%)	>90	
Beam quality (M <sup>2</sup> )	<1.2	
Beam divergence, full angle (mrad)	<3	
Beam diameter at the at the aperture (1/e <sup>2</sup> , mm)	~1.5	~1
Polarization ratio	>100:1 (Vertical )	
Dimensions ( mm <sup>3</sup> )	488 (L) ×317 (W) ×132 (H)	
Beam height from base plate (mm)	90.5	
Warm-up time (minutes)	<20	
Cooling method	Air Cooled	
Operating temperature (°C)	20~30	
Power supply	DC 24V/ 20.9A (optional)	

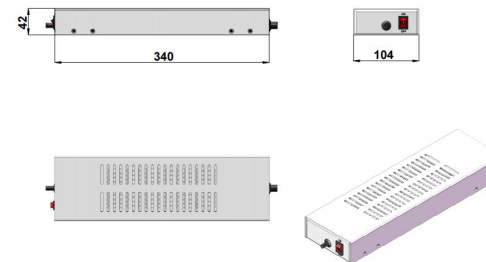


PS-D-532&355-Air *Integrated electronics*



488 (L) ×317 (W) ×132 (H) mm<sup>3</sup>, 20 kg

Power supply 100-240VAC



DC24V 20.9A; 340 (L) ×104 (W) ×32 (H) mm<sup>3</sup>, 1 kg