



DPS-355-Pico/100-700mW

HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 355nm has the features of short pulse duration, high repetition rate and high average power, which is widely used in laser medical treatment, industrial processing, physics experiment, scientific research, and so on.

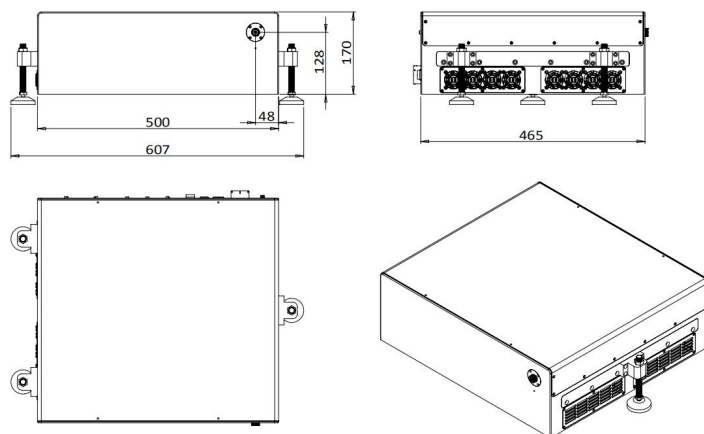


SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	Pulsed	
Average power (mW) ¹	100-700	
Power stability (rms, 4 hours ±3°C)	<5%, <3%	
Pulse duration (ps)	<50	50-1000 ²
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~2	
Rep. rate	5MHz	
Beam height from base plate (mm)	128	
Cooled method	Air cooled	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-30	
Power supply (110/220VAC)	PSU-DPS-Pico	
Expected lifetime (hours)	>10000	

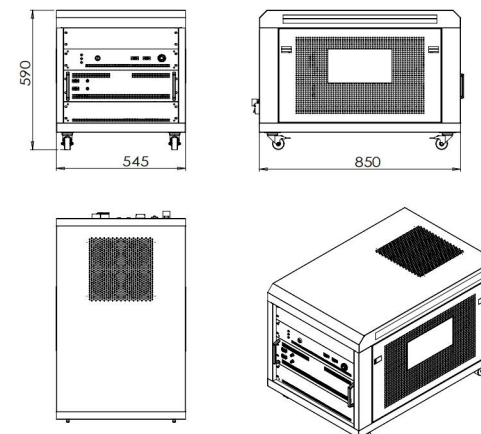


LASER HEAD



465(L)×500(W)×170(H) mm³, 65kg

POWER SUPPLY



850(L)×545(W)×590(H) mm³, 85kg

1 Any power level can be selected in this range.

2 One fixed value between 50-1000ps.

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