



DPS-1064-PS/5~20W

**HIGH POWER DIODE
PUMPED ALL-SOLID-STATE
MODE LOCKED LASER**

High average power diode pumped all solid state laser at 1064nm has the features of short pulse duration, high repetition rate and high average power, which is widely used in industrial processing, glass cutting, physics experiment, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Pulsed	
Output power (W)	10@1MHz	20@1MHz
Output energy (uJ)	75@200KHz	150@200KHz
Power stability (rms)	<3%, <5%	
Pulse width (ps)	<15	
M ² factor	≤1.3	
Pointing stability (urad)	<50	
Elipticity	>85%	
Polarization	100:1	
Beam diameter (mm)	1.5 ± 0.5	
Beam divergence, full angle (mrad)	≤2	
Repetition frequency (KHz)	0~1000	
Control mode	Gate/burst/INT control	
Beam height from base plate (mm)	90	
Cooled method	Water cooled	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15~30	
Relative humidity	<60%	
Power supply (AC 220V)	PSU-DPS-PS	
Expected lifetime (hours)	10000	
Warranty	1 year	
Options	Output power 30W and 50W can be customized	



DPS-1064-PS	PSU-DPS-PS
<p>808(L)×495(W) ×108(H) mm³ 50.8kg</p>	<p>881(L)×545(W) ×590(H) mm³ 105kg</p>