

DPSS 激光器



新势力光电供应**DPSS激光器**，波长：473nm、532nm、671nm、1064nm。该系列**半导体泵浦固体激光器**具有效率高、可靠性好、结构紧凑、寿命长、免维护的特点，广泛应用于：数据存储、材料检测、生物化学、激光雷达、激光扫描、全息、光通信、全息、激光表演。

Model	DPSSL-473	DPSSL-473H	DPSSL-473U
Wavelength	473nm		
Spatial mode	TEM00, M2<1.2	TEM00, M2<2	TEM00, M2<1.2
Output power	5, 10, ..., 200mW	200, 300, ..., 600mW	50, 80, ..., 200mW
Operation mode	CW or Modulation		
Linewidth	<0.1nm		
Polarization	100:1, linear		
Beam diameter (1/e ²)	2.0mm	3.0mm	2.0mm
Beam divergence	0.5mrad	1.5mrad	0.5mrad
Power stability	<±5% per 2 hrs		
Warm up time	<5mins		
Operating temperature	20-30℃		
Storage temperature	10-50℃		
Lifetime	10000 hours		
Model	DPSSL-532	DPSSL-532H	DPSSL-532U
Wavelength	532nm		
Spatial mode	TEM00, M2<1.2	TEM00	TEM00, M2<1.2
Output power	100, 200, 300, 400mW	600, 700, ..., 2000mW	50, 80, ..., 300mW
Operation mode	CW or Modulation		
Linewidth	<0.1nm		
Polarization	100:1, linear		
Beam diameter (1/e ²)	2.0mm	3.0mm	2.0mm
Beam divergence	1mrad	<2mrad	0.5mrad

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Power stability	<±5% per 4 hrs	<±5% per 2 hrs	<±5% per 4 hrs
Warm up time	<1mins	<5mins	<5mins
Operating temperature	20-30℃		
Storage temperature	10-50℃		
Lifetime	10000 hours		
Model	DPSSL-671	DPSSL-671H	DPSSL-671U
Wavelength	671nm		
Spatial mode	TEM00, M2<1.2	TEM00, M2<1.2	TEM00, M2<1.2
Output power	100, 200, 300, 400mW	50, 80, ..., 500mW	50, 80, ..., 300mW
Operation mode	CW or Modulation		
Linewidth	<0.1nm		
Polarization	100:1, linear		
Beam diameter (1/e ²)	2.0mm		
Beam divergence	1.0mrad		
Power stability	<±5% per 4 hrs		
Warm up time	<5mins		
Operating temperature	20-30℃		
Storage temperature	10-50℃		
Lifetime	10000 hours		
Model	DPSSL-1064	DPSSL-1064H	DPSSL-1064U
Wavelength	1064nm		
Spatial mode	TEM00, M2<1.2	TEM00, M2<2	TEM00, M2<1.2
Output power	100, 200, ..., 1200mW	1500, 2000, 3000mW	200, 300, ..., 1500mW
Operation mode	CW or Modulation		
Linewidth	<0.1nm		
Polarization	100:1, linear		
Beam diameter (1/e ²)	1.5mm	3.0mm	1.5mm
Beam divergence	1.2mrad	2.0mrad	1.1mrad
Power stability	<±3% per 2 hrs	<±5% per 2 hrs	<±3% per 4 hrs
Warm up time	<5mins		
Operating temperature	20-30℃		
Storage temperature	10-50℃		
Lifetime	10000 hours		

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