

LSR640H1

1000mW Red Laser



1000mW 1W high power red laser
 Easy use & maintenance free
 Long life operation
 High efficiency
 High reliability

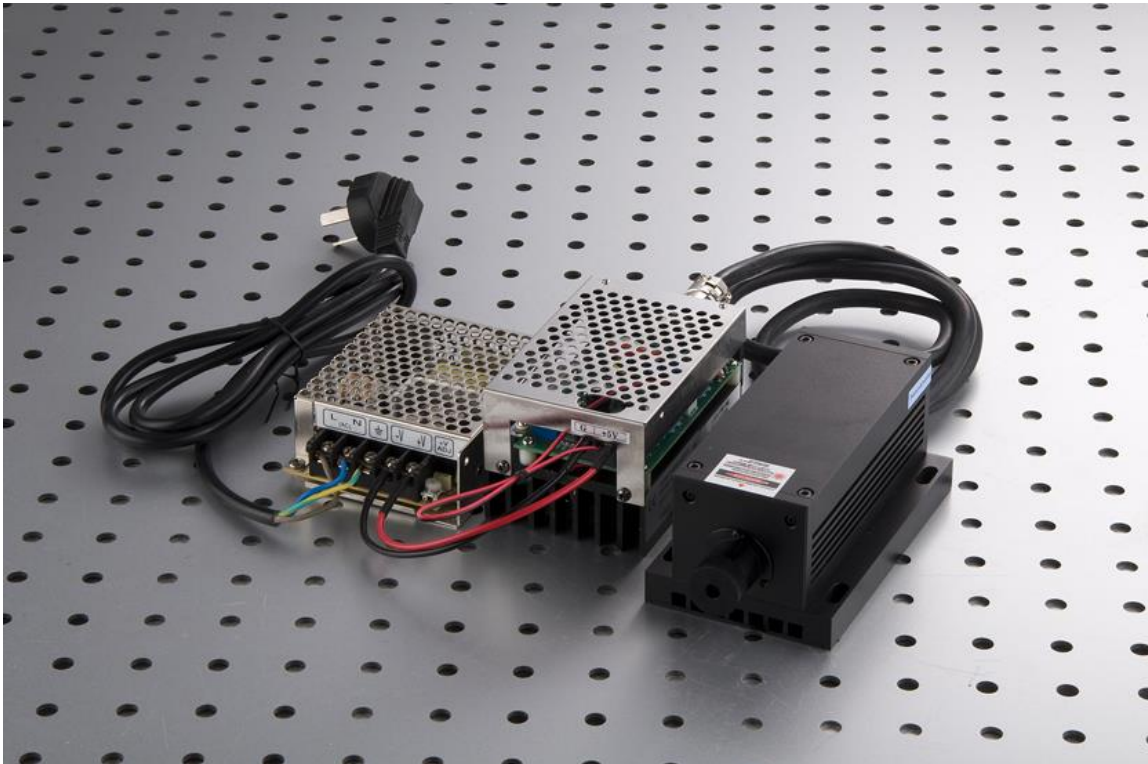
Specifications

Model No.	LSR640H1
Wavelength	638nm±5nm
Transverse Mode	Near TEM00
Output Power	1000mW
Operation Mode	CW or Modulation
Longitudinal mode	Multi Mode
Modulation	Analog or TTL modulation 0~30Khz
Line width	<3 nm
Polarization	>100:1
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	<3*5mm
Beam Divergence	<1.5 mrad
Beam Height from Base	29mm
Power Stability*	<±3% per 4 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	5,000 hrs
Dimensions	102(L)x40(W)x42(H)mm3
Power Supply	A. OEM type LSR-PS-NI: 100(L)x58(W)x32(H)mm3 AC/DC PSU: 85~265V 50/60Hz input
	C. Adjustable Lab type LSR-PS-FA: 179(W)x148(D)x56(H)mm3

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Modulation	0~30khz Analog or TTL
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A. OEM type



C. Adjustable Lab type

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