

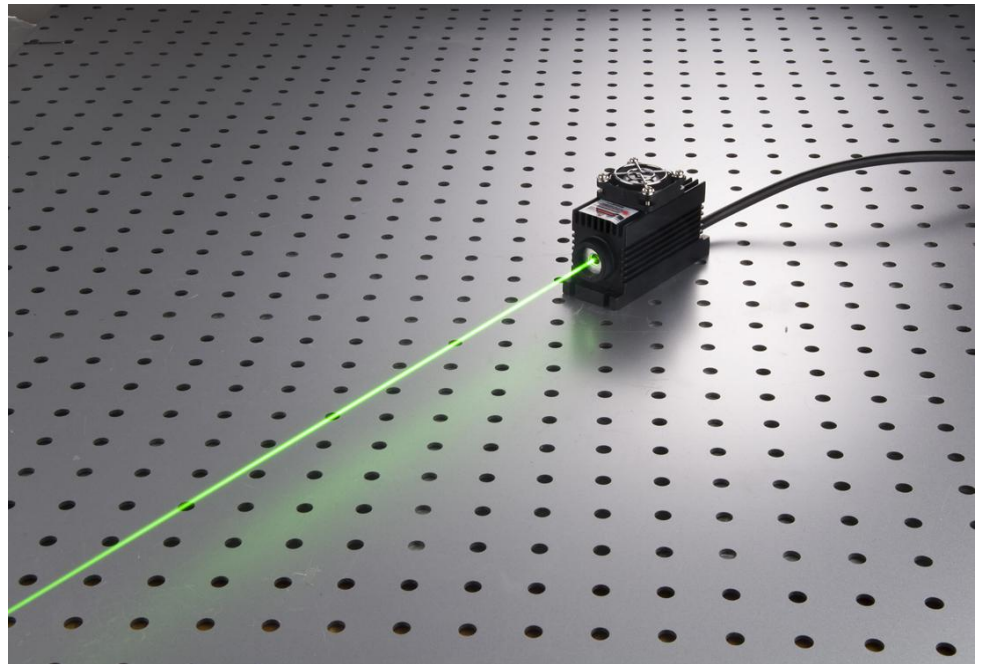
BQ532NL100~700mW Green Laser

FEATURES

- Miniature size
- Collimated straight beam
- Adjustible focus
- Easy use & maintenance free
- Longlife operation
- High efficiency
- High reliability

APPLICATIONS

- Laser show
- Display
- Laser Alignment
- Scanning Biochemistry
- Material Inspection Lidar



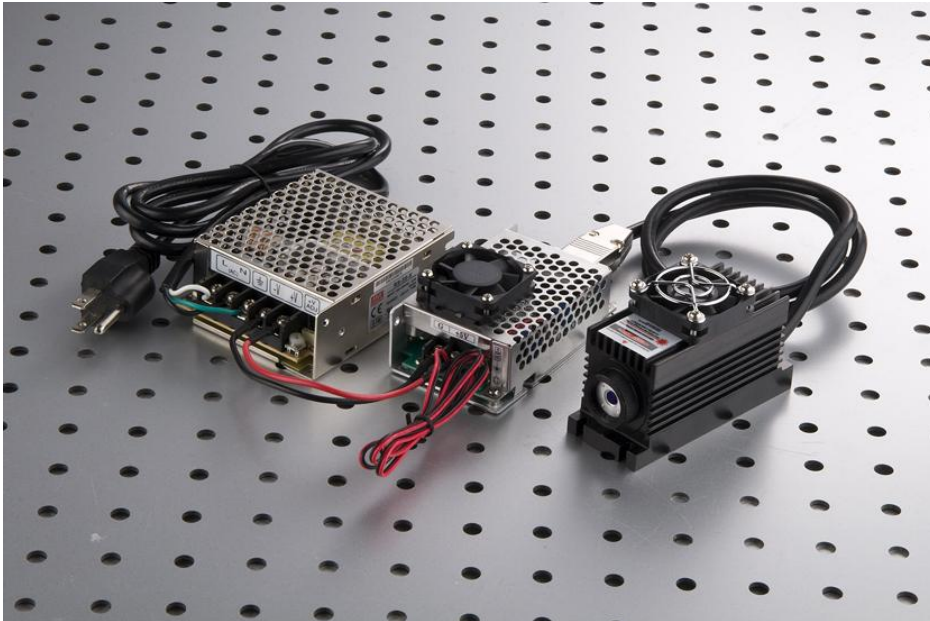
Specifications

Model No.		BQ532NL
Wavelength		532nm \pm 1nm
Spatial Mode		Near TEM00
Output Power		100mW, 200mW, 300mW, 500mW, 600mW, 700mW
Residual IR(946,1064&808nm)		<0.01%
Operation Mode		CW or Modulation
Linewidth		<1 nm
Beam Spot Shape		Circular, aspect ratio<1.1:1
Pointing Stability		<0.05 mrad
Beam Diameter(1/e ²)		<2.5 mm
Beam Divergence		<1.5 mrad
Beam Height from Base		25mm
Power Stability*		< \pm 5% per 4 hrs
Temperature Stabilizing		TEC
Warm Up Time		<1 minutes
Optimum Operating Temperature		20~30°C
Storage Temperature		10~50°C
MTTF**		10,000 hrs
Dimensions		100(L)x40(W)x50(H)mm3 (fan adds height)

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Power Supply	A. OEM type : LSR-PS-I: 100(L)x58(W)x32(H)mm3 AC/DC PSU: 85~265V 50/60Hz input
	B. Lab type : LSR-PS-IIS: 104(W)x128(D)x89(H)mm3 85~ 265V 50/60Hz input
	C. Adjustable Lab type : LSR-PS-IIS: 179(W)x148(D)x56(H)mm3 85~265V 50/60Hz input
Modulation	0~30khz Analog or TTL

A. OEM type power supply LSR-PS-I+5V PSU



B. Lab type power supply LSR-PS-IIS



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C. Lab Adjustable power supply LSR-PS-II

