



# HF 1064 Series High Power Infrared Lasers



- ◆ 400W Output
- ◆ Low Divergence, High Stability
- ◆ Diode pumped, Q-Switched, Water-Cooled

System Specifications		HF 1064-200	HF 1064-400
Wavelength		1064nm	1064nm
Repetition Rate		5-20KHz	5-20KHz
Pulsewidth		60-150ns	60-150ns
Output Power		200W	400W
Beam Diameter <sup>1</sup>		4.0 mm	5.0 mm
Transverse mode		Near TEM <sub>00</sub>	Near TEM <sub>00</sub>
Beam divergence <sup>2</sup>		≤5.0 mrad	≤5.0 mrad
Point stability <sup>3</sup>		<0.05mrad	<0.05mrad
Polarization ratio		>100:1	>100:1
Power stability <sup>4</sup>		5% @ 4 hours	5% @ 4 hours
Warm-up time		5minutes	5minutes
Expected lifetime		10000 hours	10000 hours
Warranty time		1 year	1 year
Operating temperature		10-35°C	10-35°C
Power supply		200-260VAC	200-260VAC
Power Consumption		2000W	3000W
Dimensions (L×W×H)	Laser Head	720×200×120mm	720×200×120mm
	Power Supply	420×500×240mm	420×500×500mm
Weights	Laser Head	10Kg	15Kg
	Power Supply	30Kg	50Kg

### Note:

All performance specifications guaranteed at specified output power only.

1 1/e<sup>2</sup> at exit port.

2 Full-angle divergence.

3 Measured as far-field x and y positions over a 25°C to 35°C temperature change.

4 Measured over 4 hours after 15 minute warm-up.

# 1064nm

## High Power Infrared Lasers

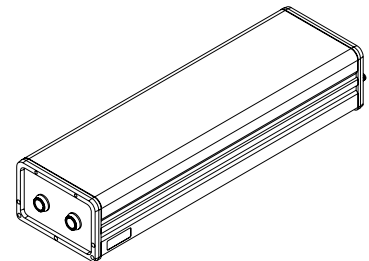
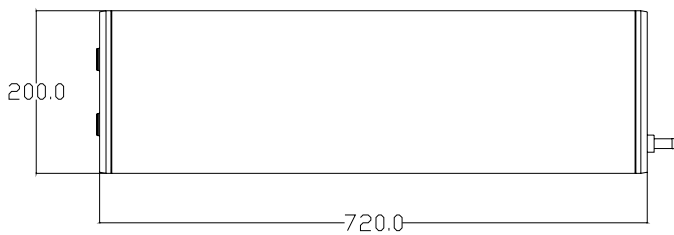
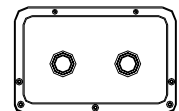
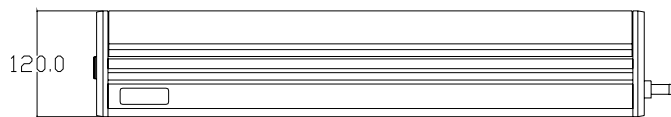


Beijing ZK Laser Co., Ltd is a sophisticated industry entity which takes the high power, multi- wave lengths solid state lasers as its main products. It researches, evelopments its products unceasingly.

This 1064 nm Infrared HF CW Laser is diode pumped laser using all solid state construction , compacted , rugged Water-cooled an geometry.

This is made features of ultra compact, long lifetime, low cost and easy to operate, which is used in Collimation,Laser display,Optics instrument,Laser lighting show,Laser medical treatment,Scientific experimentation,etc.

### Laser Head



**ZK LASER**®

All Dimensions are in mm

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ZK Laser follows a policy of continuous product improvement. Specifications are subject to change without notice.

ZK Laser offers a limited warranty for all HF™ systems. For full details on warranty coverage, please refer to the Service and Support section at [www.zklaser.com](http://www.zklaser.com), or contact your local Sales or Service Representative.

