



MAG 532 High Power Green

QCW Lasers



- ◆ 20-200W Output
- ◆ Low Divergence, High Stability
- ◆ Diode pumped, Q-Switched, Water-Cooled

System Specifications		MAG 532 -20	MAG 532 -50	MAG 532 -100	MAG 532 -200
Wavelength		532nm	532nm	532nm	532nm
Output Power		20 W	50 W	100 W	200 W
Pulse Width		60-150ns	60-150ns	60-150ns	60-150ns
Repetition Rate		3-20KHz	3-20KHz	3-20KHz	3-20KHz
Spatial mode		Near TEM ₀₀	Near TEM ₀₀	Near TEM ₀₀	Near TEM ₀₀
Beam Diameter ¹		2.0 mm	3.0 mm	4.0 mm	5.0 mm
Beam divergence ²		<2.0 mrad	<3.0 mrad	<4.0 mrad	<5.0 mrad
M ² factor		M ² ≤3.0	M ² ≤5.0	M ² ≤7.0	M ² ≤12.0
Power stability ³		3% @ 4 hours	3% @ 4 hours	5% @ 4 hours	5% @ 4 hours
Point stability ⁴		<0.05mrad	<0.05mrad	<0.05mrad	<0.05mrad
Polarization ratio		>100:1	>100:1	>100:1	>100:1
Warm-up time		5minutes	5minutes	5minutes	5minutes
Expected lifetime		10000 hours	10000 hours	10000 hours	10000 hours
Warranty time		1 year	1 year	1 year	1 year
Operating temperature		10-35°C	10-35°C	10-35°C	10-35°C
Power supply		80-260VAC	80-260VAC	80-260VAC	80-260VAC
Power Consumption		600W	1000W	1500W	3000W
Dimensions (L×W×H)	Laser Head Power Supply	600×200×120mm 420×500×240mm		800×200×120mm 420×500×500mm	
Weights	Laser Head Power Supply	10Kg 30Kg		15Kg 50Kg	

NOTES

All performance specifications guaranteed at specified output power only.

1 1/e² at exit port.

2 Full-angle divergence.

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

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

532nm

MAG QCW Green Lasers

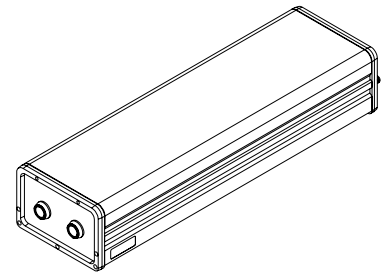
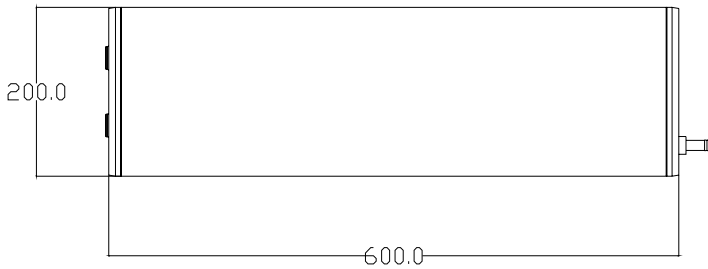
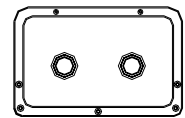
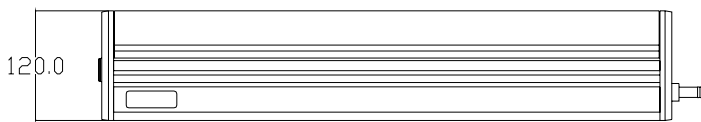


Beijing ZK Laser Co., Ltd is a sophisticated industry entity which takes the high power, multi-wave lengths solid state lasers as its main products. It researches, develops its products unceasingly.

This 532 nm Green MAG Q-Switched Laser is diode pumped laser using all solid state construction, compacted, rugged air-cooled geometry.

This is made features of ultra compact, long lifetime, low cost and easy to operate, which is used in Laser display, Laser lighting show, Laser medical treatment, Scientific experimentation, Ti:Sapphire pumping, wafer trimming, materials processing, Marking, Diamond cutting and drilling, 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 MAG™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.zklaser.com, or contact your local Sales or Service Representative.

