

# WEDGE XB 532 1 kHz

Spec. #: WXB18B02

## High Peak Power Diode Pumped Solid State Laser



### FEATURES

- \_ Up to 2 mJ
- \_ Short pulse duration
- \_ Q-Switching up to 1 kHz
- \_ All Solid State Design
- \_ Air Cooled
- \_ Low heat waste

### Technical Specifications

Wavelength	532	nm
Pulse energy	Up to 2	mJ
Pulse Width @ 1 kHz	< 1.5	ns
Repetition Rate	Single shot to 1 kHz	
Polarization	Linear 100:1	
Beam Diameter	< 2.5	mm
Beam Quality	$M^2 < 5$	
Electrical Requirements	DC Power Supply 12 V ; 15 V (*)	
Cooling	Air Cooled	
Mechanical Dimensions	26 x 25 x 10	cm <sup>3</sup>
Weight	< 14	kg

(\*) Optional: 100-230 VAC Power Supply

Options Available:	Applications:
<ul style="list-style-type: none"> <li>- Beam Expanding and Collimating optics (external)</li> <li>- Circular Polarization</li> <li>- Water Cooling</li> </ul>	<ul style="list-style-type: none"> <li>- Machining</li> <li>- Non-linear spectroscopy</li> <li>- LIDAR and LIBS</li> <li>- Specialty Marking</li> </ul>



All information included in this document is subject to change without notice.

Update data sheets can be provided after formal request.

For complete details, please contact your local **Bright Solutions** sales representative or visit our website at [www.brightsolutions.it](http://www.brightsolutions.it)

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