

WEDGE HB 1064 2 kHz

Spec. #: WHB18A01

High Peak Power Diode Pumped Solid State Laser



FEATURES

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

Technical Specifications

Wavelength	1064	nm
Pulse energy	Up to 2	mJ
Pulse Width @ 2 kHz	< 1.5	ns
Repetition Rate	Single shot to 2 kHz	
Polarization	Linear 100:1	
Beam Diameter	< 2	mm
Beam Divergence (F. A.)	< 6	mrad
Beam Quality	$M^2 < 3.5$	
Electrical Requirements	DC Power Supply 8 V ; 15 V (*)	
Cooling	Air Cooled	
Mechanical Dimensions	26 x 22 x 8	cm ³
Weight	< 10	kg

(*) Optional: 100-230 VAC Power Supply



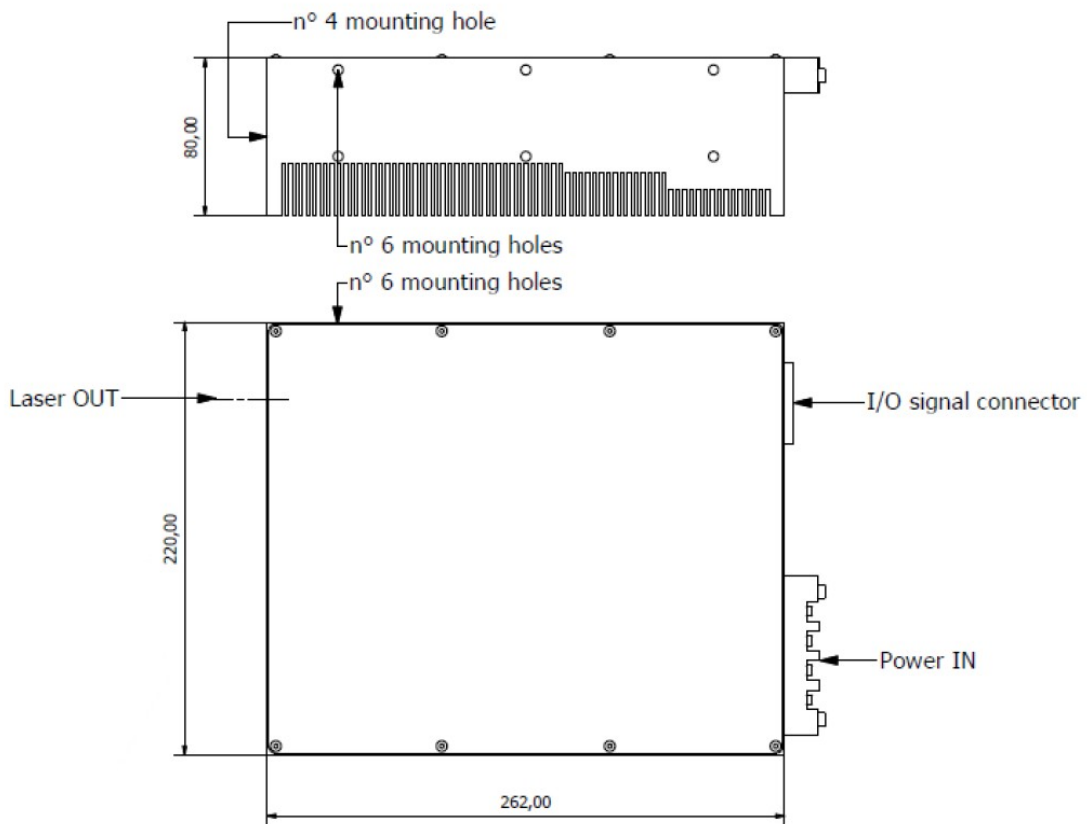
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Update data sheets can be provided after formal request.

For complete details, please contact your local **Bright Solutions** sales representative or visit our website at www.brightsolutions.it

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Mechanical drawing



All dimensions are in millimeters

Options Available:

- Beam Expanding and Collimating optics (external)
- Circular Polarization
- Water Cooling

Applications:

- Machining of glass and hard materials
- Non-linear spectroscopy
- Visible to IR OPO pumping
- Specialty Marking



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