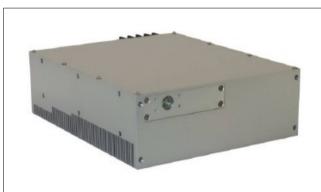


WEDGE HB 355nm 2 kHz Spec. #: WHB18A03 **High Peak Power Diode Pumped Solid State Laser**



FEATURES

- Up to 0.2 mJ
- _Short pulse duration
- _Q-Switching up to 2 kHz
- _All Solid State Design
- _Air Cooled
- _Low heat waste

	Technical Specifications	
Wavelength	355	nm
Pulse energy	Up to 0.2	mJ
Pulse Width @ 1 kHz	< 1.2	ns
Repetition Rate	Single shot to 2 kHz	
Polarization	Linear 100:1 (Option: circular polarization)	
Beam Diameter	< 2	mm
Beam Divergence	< 1	mrad
Beam Quality	$M^2 < 5$	
Electrical Requirements	DC Power Supply 8 V; 15 V (*)	
Cooling	Air Cooled	
Mechanical Dimensions	22 x 26 x 8	cm ³
Weight	< 10	kg

(*) Optional: 100-230 VAC Power Supply

Options Available:	Applications:
- Beam Expanding and Collimating optics	- Machining
- Circular Polarization	- Non-linear spectroscopy
- Water Cooling	- LIDAR and LIBS
	- Specialty Marking



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

Update data sheets can be provided after formal request.

For complete details, please contact your local Bright Solutions $\begin{tabular}{lll} \bf Ph. & +39 & 0382583094 \end{tabular}$ sales representative or visit our website at www.brightsolutions.it

Bright Solutions Srl

Via Artigiani, 27 27010 Cura Carpignano - PV Italy

e-mail: sales@brightsolutions.it