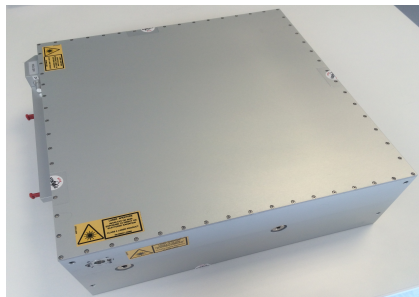


<b>Aero 200mJ 1064+532nm</b>	<b>Spec. #: AR19A02</b>
<b>MOPA High-energy Diode Pumped Solid State Laser</b>	



**FEATURES**

- \_ 1064nm + 532nm
- \_ > 200 mJ
- \_ < 15 ns
- \_ up to 30 Hz
- \_ Conductive Cooled
- \_ All solid state design

Technical Specifications	1064	1064 + 532	
Primary Output Wavelength	1064	532	nm
Secondary Output Wavelength	-	1064	nm
Q-Switch Repetition Rate	10 - 30	10 - 30	Hz
Pulse Energy at 1064nm	> 200	> 100	mJ
Pulse Energy at 532nm	-	> 100	mJ
Pulse Width at 1064nm and 532nm	< 15	< 15	ns
Polarization	Linear 100:1		
Beam size (*)	7	7	mm
Beam quality factor	0.6	0.5	mm mrad
Power supply input	24 - 28 V DC (option: 100 – 230 V AC)		
Power consumption	< 200		
Cooling	Conductive (option: water cooling)		
Laser head size	35 x 40 x 12		cm <sup>3</sup>
Laser head weight	< 25		kg
Power supply size	4U 19-inch rack		

Options Available:	Applications:
<ul style="list-style-type: none"> <li>- Beam Expanding and Collimating optics (*)</li> <li>- Harmonic module for frequency conversion at 355nm</li> </ul>	<ul style="list-style-type: none"> <li>- Atmospheric LiDAR</li> <li>- Air-borne and space-borne instruments</li> <li>- LIBS</li> <li>- Non-linear spectroscopy</li> </ul>



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

Updated data sheets can be provided on request.

For further 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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