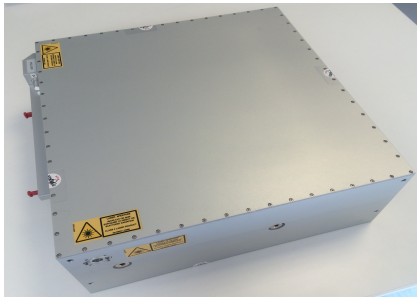


Aero 200mJ 1064+532nm **Spec. #: AR19A02**
MOPA High-energy Diode Pumped Solid State Laser



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 W		
Cooling	Conductive (option: water cooling)		
Laser head size	35 x 40 x 12		cm ³
Laser head weight	< 25		kg
Power supply size	4U 19-inch rack		

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



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