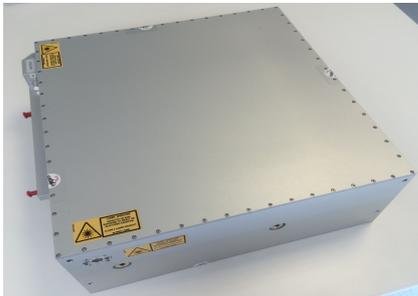


Aero 100mJ 1064nm

Spec. #: AR19A01

High-energy Diode Pumped Solid State Laser



FEATURES

- _ 1064nm
- _ > 100 mJ
- _ < 15 ns
- _ up to 30 Hz
- _ Conductive Cooled
- _ All solid state design

Technical Specifications	Typical	
Primary Output Wavelength	1064	nm
Q-Switch Repetition Rate	10 - 30	Hz
Pulse Energy at 1064nm	> 100	mJ
Pulse Width at 1064nm	< 15	ns
Polarization	Linear 100:1	
Beam size (*)	6	mm
Beam quality factor	0.6	mm mrad
Power supply input	24 - 28 V DC (option: 100 – 230 V AC)	
Power consumption	< 100	W
Cooling	Conductive (option: water cooling)	
Laser head size	20 x 40 x 12	cm ³
Laser head weight	< 15	kg
Power supply size	3U 19-inch rack	

Options Available:	Applications:
<ul style="list-style-type: none"> - Beam Expanding and Collimating optics (*) - Air cooling - Harmonic module for frequency conversion at 532nm and 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

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