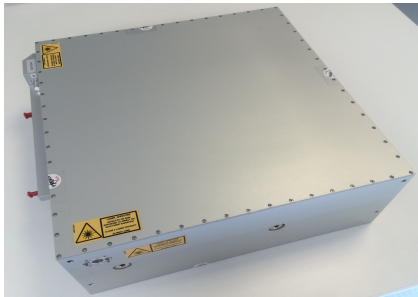


<b>Aero 100mJ 1064+532+355nm</b>	<b>Spec. #: AR19A03</b>
<b>High Energy Diode Pumped Solid State Laser</b>	



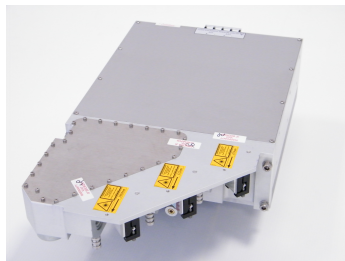
**FEATURES**

- \_ 1064nm + 532nm + 355nm
- \_ > 30mJ at 355nm
- \_ < 15 ns
- \_ up to 200Hz
- \_ Water Cooled
- \_ All solid state design

Technical Specifications	Typical	
Primary Output Wavelength	355	nm
Secondary Output Wavelengths	1064, 532	nm
Q-Switch Repetition Rate	Up to 200	Hz
Pulse energy at 355nm	> 30	mJ
Pulse energy at 1064nm and at 532nm	> 30	mJ
Pulse Width	< 15	ns
Polarization	Linear 100:1	
Beam size (*) at 355nm	7	mm
Beam quality factor at 355nm	0.4	mm mrad
Power supply input	24 - 28 V DC (option: 100 – 230 V AC)	
Power consumption	< 600	W
Cooling	Water	
Laser head size	25 x 35 x 15	cm <sup>3</sup>
Laser head weight	< 15	kg
Power supply size	3U 19-inch rack	

**Options Available:**

- Beam Expanding and Collimating optics (\*)
- Beam shutters
- Beam steering stages



**Applications:**

- 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](http://www.brightsolutions.it)

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