

**Sol 10W 1064nm**

**Spec. #: SL19102**

**Q-Switched compact ns DPSSL**



**FEATURES**

- \_ Up to 450 uJ
- \_ Short pulse duration
- \_ up to 100 kHz
- \_ All solid state design
- \_ Air Cooled
- \_ Low heat waste

Technical Specifications	Typical	
Output Wavelength	1064	nm
Pulse energy	Up to 450	uJ
Pulse Width	10 to 50	ns
Repetition Rate	Single shot to 100	kHz
Polarization	Linear 100:1	
Beam diameter (1/e <sup>2</sup> )	< 8 (collimated)	mm
Beam Quality (M <sup>2</sup> )	< 2 @ 10 kHz	
Electrical Requirements	24 V DC IN, < 10 A (*)	
Cooling	Air Cooled	
Mechanical Dimensions	235 x 105 x 95	mm <sup>3</sup>
Weight	< 4.5	kg

(\*) Optional: 100-230 AC DC Power Supply

Options Available:	Applications:
<ul style="list-style-type: none"> <li>- Beam Expanding and Collimating optics</li> <li>- Red aiming beam</li> <li>- Circular polarization</li> <li>- Water and contact cooling</li> </ul>	<ul style="list-style-type: none"> <li>- Marking</li> <li>- Material Processing</li> <li>- Medical</li> </ul>



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

Update data sheets can be provided after formal request.

For complete 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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