

Spec. type: pWEDGE

Specification #: PW11902

## High Peak Power Diode Pumped Solid State Laser



### MAIN FEATURES

- \_ 532 nm
- \_ up to 10 W
- \_ 1 ns
- \_ 1 mJ
- \_ Dual Block Configuration

Technical Specifications	Minimum	Typical	Maximum
Primary Output Wavelength		532	nm
Q-Switch Repetition Rate	1		10 kHz
Pulse Energy @ 532 nm	0.9	1	1.1 mJ
Pulse Width @ 532 nm	0.8	1	1.2 ns
Pulse stability (RMS)		< 5%	
Polarization	Linear 100:1 (optional circular polarization)		
M <sup>2</sup> @ 532 nm	1.2	1.5	2
Beam diameter (1/e <sup>2</sup> ) (optional beam expander)	1	1.2	1.4 mm
Pulse frequency control input	TTL (0 to 5V)		
Energy level control input	0 to 10 V (Analog)		
Cooling	Air cooling Optional: water cooling (tap water)		
Power supply input requirements	24 to 28 V DC 7 to 10 A		
Optional AC/DC power supply	100 – 230 VAC		
Control Connector	DB 25 pin		
Size of the unit (preliminary)	Laser Head: 10 x 6 x 8 Pumping Unit: 26 x 26 x 8		cm



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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