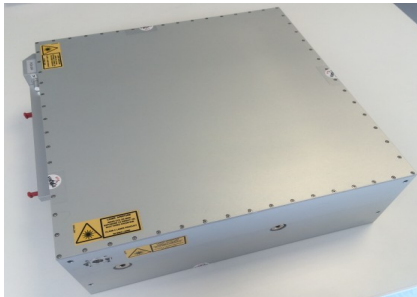


Vento 50W 532nm MOPA sub-ns laser	Preliminary	Spec. #: VN19606
--	--------------------	-------------------------



FEATURES

- _ 532 nm
- _ > 50 W
- _ down to 350 ps
- _ up to 100 kHz
- _ Liquid Cooled
- _ All solid state design
- _ Rugged single unit

Technical Specifications	Typical	
Output Wavelength	532.1	nm
Q-Switch Repetition Rate	25 - 100	kHz
Pulse Energy	> 1.5	mJ
Average Power	> 50	W
Pulse Width	350 - 850	ps
Polarization	Linear 100:1	
Beam quality (M ²)	< 2.5	
Power supply input	24 - 28 V DC	
Pulse frequency control input	0 – 5 V (TTL)	
Cooling	Liquid	
Laser unit size (*)	55 x 40 x 20	cm ³
Operating temperature	10 to 35	°C

(*): final size, form, weight and all the interfaces can be discussed and determined in agreement with customer.

Options Available:	Applications:
<ul style="list-style-type: none"> - Beam Expanding and Collimating optics - Red aiming beam - Circular Polarization - Extended repetition rate up to 200 kHz 	<ul style="list-style-type: none"> - Ablation / Micromachining of thin films - LIDAR - LIBS - Specialty Scribing / Material processing - Glass machining



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

Bright Solutions Srl
Soluzioni Laser Innovative
 Via Artigiani, 27
 27010 Cura Carpignano -PV
 Italy
Ph. +39 0382583094
e-mail: sales@brightsolutions.it