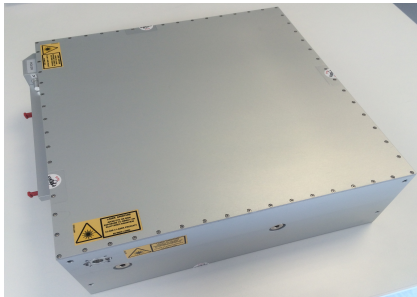


Vento 100W 1064nm MOPA sub-ns laser

Preliminary Spec. #: VN19603



FEATURES

- _ 1064 nm
- _ > 100 W
- _ down to 400 ps
- _ up to 100 kHz
- _ Liquid Cooled
- _ All solid state design
- _ Rugged single unit

Technical Specifications	Typical	
Output Wavelength	1064	nm
Q-Switch Repetition Rate	25 - 100	kHz
Pulse Energy	> 2.5	mJ
Average Power	> 100	W
Pulse Width	400 - 900	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

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