

FIBER LASER

CL-500-50-W

en | Data sheet | 1.1.1

- Water-cooled MOPA fiber laser 500 Watt
- Maximum peak pulse power 350 kW
- Maximum pulse energy 50 mJ
- Frequencies up to 4000 kHz
- Developed for cleaning and ablation

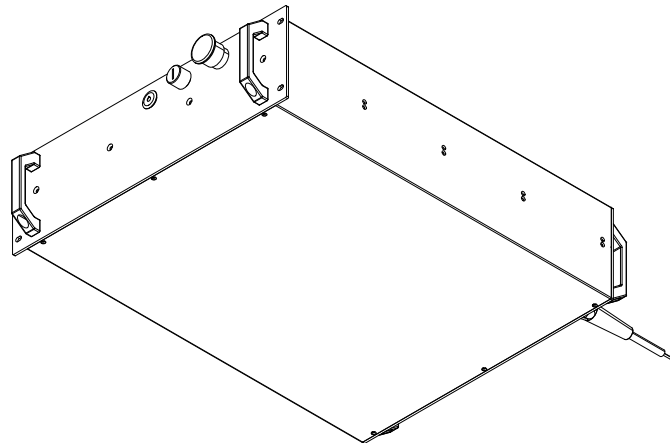
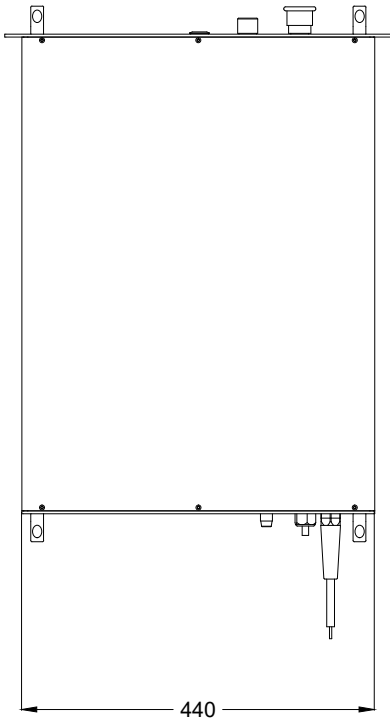
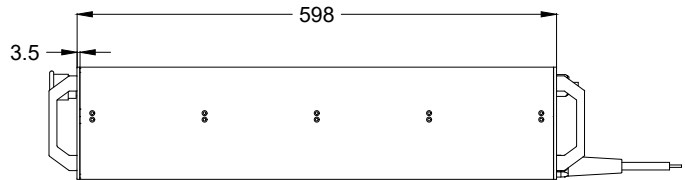
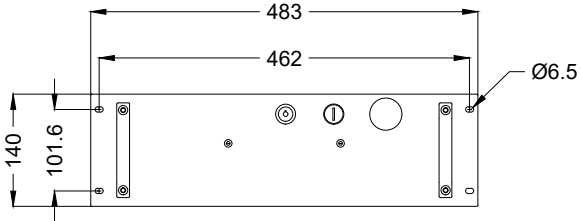


Wavelength	1064 nm	Cooling method	Water
Nominal output power	500 W	Cooling flowrate	5 l/min
Laser operation mode	Pulsed	Cooling power	1500 W
Pulse frequency	1 – 4000 kHz	Aiming beam	Standard
Full power frequency	10 – 4000 kHz	Adjustable pulse width	Yes
Max. peak pulse power	350 kW	House keeping function	Standard
Pulse width	30 – 500 ns	Supply voltage AC	220 V
Max. pulse energy	50 mJ	Current consumption	10 A
Power instability Ø	5%	Power consumption @ 20°C	2000 W
Power tuning range	0 – 100%	Operation temperature	0 – 40 °C
Polarization	Random	Storage temperature	-10 – 60 °C
Anti-reflective coating	Standard	Mechanical dimensions (W × D × H)	598 × 140 × 483 mm
Fiber length	10 m	Net weight	40 kg

Product customizations are possible on request.

Information is subject to change without notice. Product photos are non-binding and may show customized features.





Laser product
Class 4

JPT

Manufacturer

Fiber laser

CL-500-50-W

Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

