

FIBER LASER

# CL-200-5-A

en | Data sheet | 1.2.3

- Air-cooled MOPA fiber laser 200 Watt
- Maximum pulse peak power 20 kW
- Maximum pulse energy 5 mJ @500 ns
- Frequencies up to 4000 kHz
- Developed for cleaning and ablation



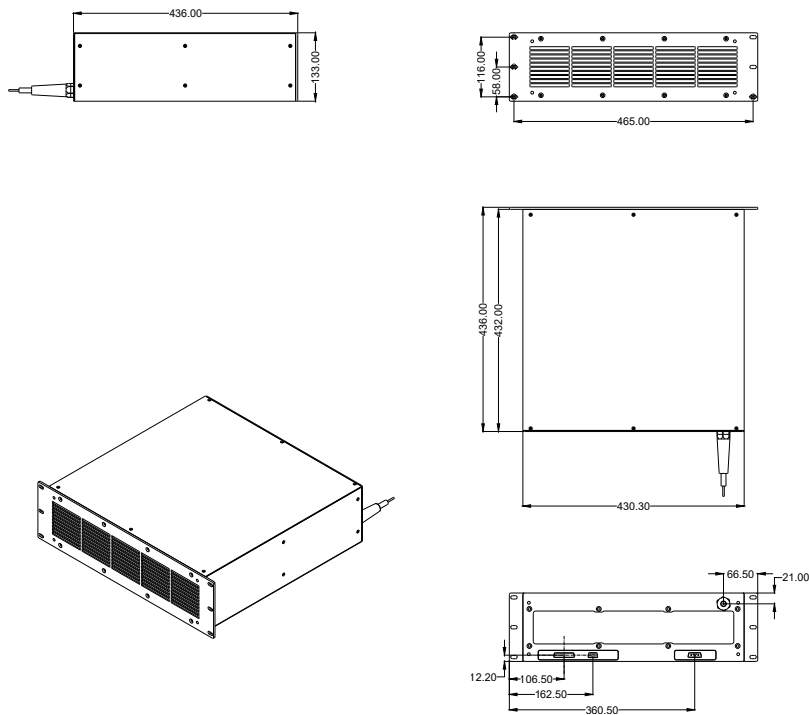
Wavelength	1064 nm	Beam diameter D4 $\sigma$	7 mm <sup>[1]</sup>
Nominal output power	200 W	Fiber length	5 m <sup>[2]</sup>
Laser operation mode	Pulsed	Cooling method	Air
Beam quality ( $\leq$ )	7 M <sup>2</sup>	Aiming beam	Standard
Pulse frequency	1 – 4000 kHz	Adjustable pulse width	Yes
Full power frequency	40 – 4000 kHz	House keeping function	Standard
Max. peak pulse power	20 kw @ 150 ns	Supply voltage DC	48 V
Pulse width	2 – 500 ns	Current consumption	16 A
Max. pulse energy	5 mJ @500 ns	Power consumption @ 20°C	800 W
Power instability $\emptyset$	5%	Operation temperature	0 – 40 °C
Power tuning range	0 – 100%	Storage temperature	-10 – 60 °C
Polarization	Random	Mechanical dimensions (W × D × H)	483 × 116 × 523 mm
Anti-reflective coating	Standard	Net weight	25 kg

Product customizations are possible on request.

<sup>[1]</sup> Other available beam diameters: 4 mm – 7 mm

<sup>[2]</sup> Other available fiber lengths: 3 m / 7 m





Laser product  
Class 4

## JPT

Manufacturer

Fiber laser

CL-200-5-A

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

