

C W F I B E R L A S E R

CW-6000MM-G

en | Data sheet | 1.1.1

- Multi-mode fiber core 50 to 600 μm
- Robust design for industrial use
- Application specific customizations
- Outstanding cost-effectiveness



Wavelength	1080 nm
Nominal output power	6000 W
Laser operation mode	CW, modulated
Beam parameter product (BPP)	2 mm*mrad
Fiber core diameter	600 μm ^[1]
Modulation frequency	1 – 20 kHz
Power instability \varnothing	2%
Power tuning range	10 – 100%
Polarization	Random
Fiber length	20 m ^[2]

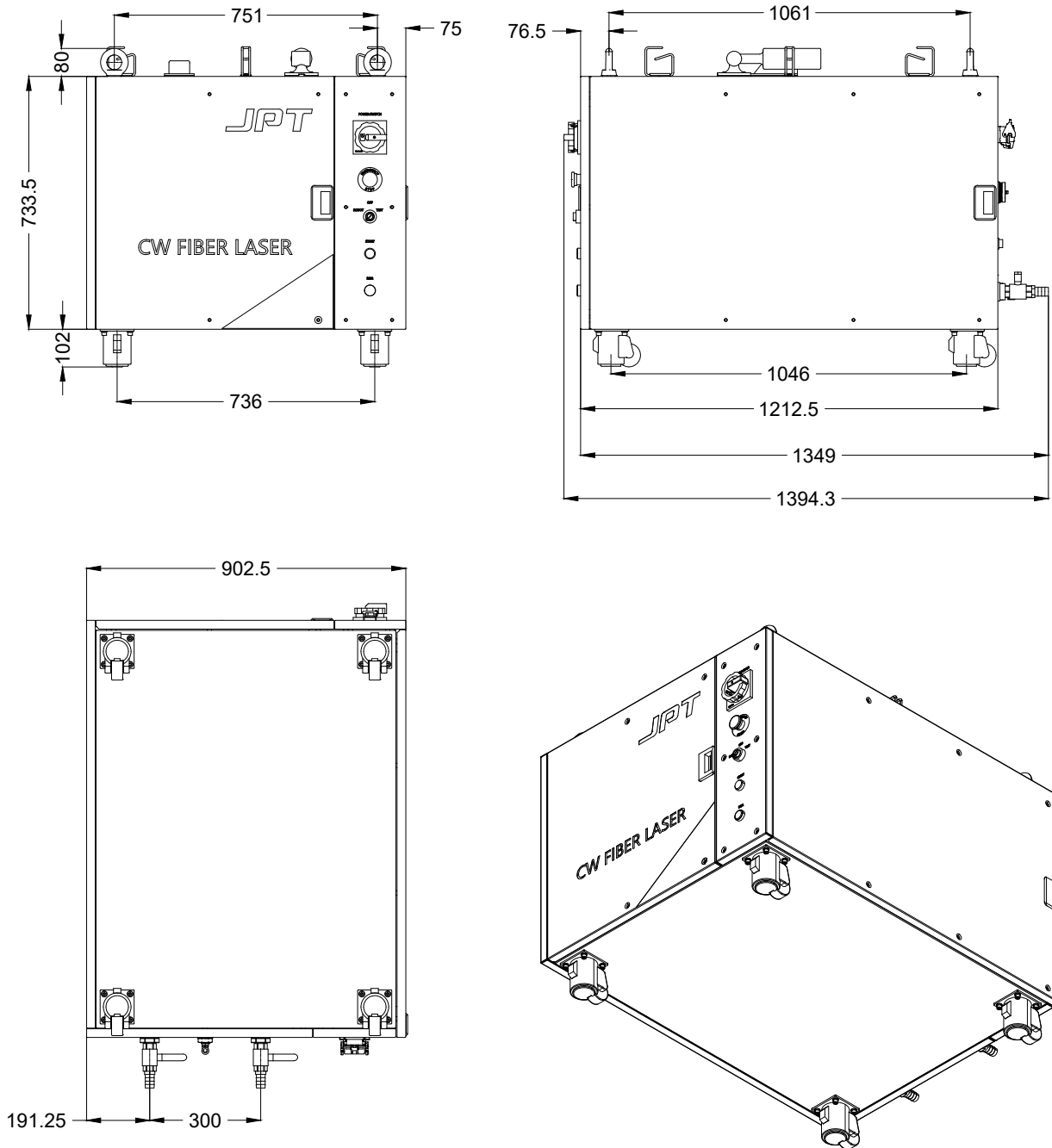
Cooling method	Water
Cooling flowrate	60 l/min
Cooling power	15 kW
Output type	QBH
Supply voltage AC	380 V
Power consumption @ 20°C	18000 W
Operation temperature	10 – 40 °C
Storage temperature	-10 – 50 °C
Mechanical dimensions (W × D × H)	1394 × 902 × 915 mm
Net weight	400 kg

Product customizations are possible on request.

^[1] Other available fiber core diameters: 100 μm / 150 μm / 150 μm / 200 μm / 400 μm

^[2] Other available fiber lengths: 25 m / 30 m





Laser product
Class 4

JPT

Manufacturer

CW fiber laser

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

