

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

CW-20000MM-E

en | Data sheet | 1.0.1

- Multi-mode fiber core 100 to 600 μm
- Robust design for industrial use
- Application specific customizations
- Outstanding cost-effectiveness



Wavelength	1080 nm
Nominal output power	20000 W
Laser operation mode	CW, modulated
Beam parameter product (BPP)	3.5 mm*mrad
Fiber core diameter	100 μm ^[1]
Modulation frequency	1 – 20 kHz
Power instability \emptyset	2%
Power tuning range	10 – 100%
Polarization	Random
Fiber length	20 m ^[2]

Cooling method	Water
Cooling flowrate	200 l/min
Cooling power	60 kW
Output type	QBH
Supply voltage AC	380 V
Power consumption @ 20°C	60000 W
Operation temperature	0 – 40 °C
Storage temperature	-10 – 60 °C
Mechanical dimensions (W x D x H)	1250 x 940 x 1260 mm
Net weight	865 kg

Product customizations are possible on request.

^[1] Other available fiber core diameters: 150 μm / 200 μm / 400 μm / 600 μm

^[2] Other available fiber lengths: 25 m

