



FEATURES:

- ◆ Good beam quality
- ◆ Good power stability
- ◆ Good system reliability
- ◆ Easy-to-use control

APPLICATIONS:

- ◆ Precision cutting
- ◆ Precision welding
- ◆ 3D printing (SLS/SLM)
- ◆ Sheet metal processing

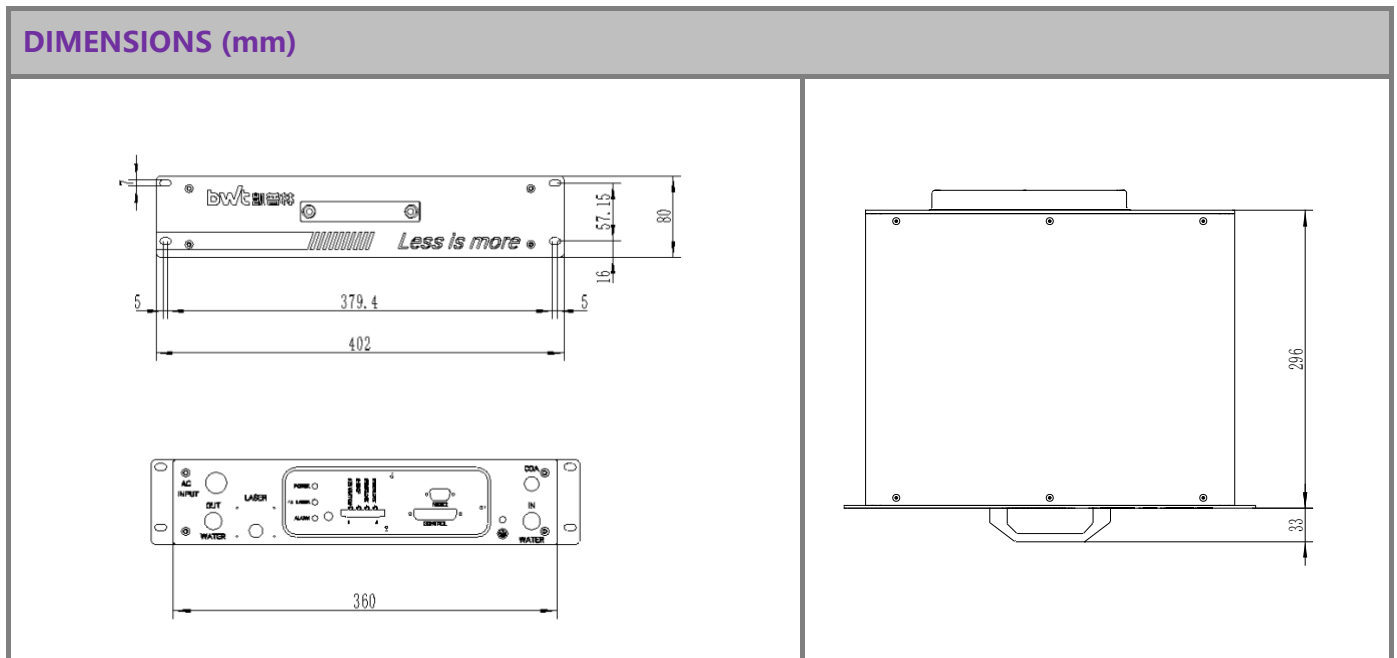
Lightning Series Fiber Laser

RPKBFL-CW1000

Optical Character	
Power	1000W
Wavelength	1080±10 nm
Output Fiber Core Diameter	20µm or customized
Output Cable Length	12 m or customized
Output Cable Connector	QBH
Aiming Beam	Red
Operation Mode	CW or modulation
Polarization	Random
Power Stability (25°C)	< ±1.5% (2h)
Power Adjustment Scope	10%-100%
Max Modulation Frequency	5kHz
Size and Weight	
Physical Size (H×W×D)	80mm*402mm*296mm
Weight	15 kg
Electronic Character	
Power Supply	220±20 V, AC, PE, 50/60 Hz
Power Consumption	3.0 kW
Control Interface	RS232/AD
Water Cooling Parameters	
Minimum Water Cooling Capacity	2.5 kW
Temperature Settings	25°C (Laser Module), 30°C (QBH)
Cooling Tubes Size	O.D. Φ12 mm
Cooling Water Flow Rate (Laser)	> 10 L/min
Cooling Water Flow Rate (QBH)	1.5~2.0L/min

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