

6000W High Power Laser Diode

BDL-CW6000



Features:

- Good power stability
- Good system reliability
- Easy-to-use control
- Cost effective and maintenance free

Applications:

- Laser welding
- Laser cladding
- Surface treatment
- Laser edge banding

Optical Character	
Power	6000W
Wavelength	950±50 nm
Output Fiber Core Diameter	1000 μm
Output Cable Length	15m 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)	93mm*482mm*861mm
Weight	67 kg
Electronic Character	
Power Supply	380±20 V, AC, PE, 50/60 Hz
Power Consumption	18.0 kW
Control Interface	RS232/AD
Water Cooling Parameters	
Minimum Water Cooling Capacity	13.0 kW
Temperature Settings	25°C (Laser Module), 30°C (QBH)
Cooling Tubes Size	I.D. Φ25 mm
Cooling Water Flow Rate (Laser)	>55 L/min
Cooling Water Flow Rate (QBH)	1.5~2.0 L/min

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Package Dimensions (mm)

