

2000W Blue Laser Diode

BDL-CW2000-E600



Features:

- Good power stability
- Good system reliability
- Easy-to-use control
- Max modulation frequency up to 5kHz

Applications:

- Welding
- Laser Cladding
- Surface treatment
- Lithium battery manufacturing

Optical Character	
Power	2000 W
Wavelength	450±10 nm
Output Fiber Core Diameter	600 μm
Output Cable Length	10 m
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)	800mm*750mm*1200mm
Weight	<140 kg
Electronic Character	
Power Supply	380±20 V, AC, PE, 50/60 Hz
Power Consumption	10.0 kW
Control Interface	RS232/AD
Water Cooling Parameters	
Minimum Water Cooling Capacity	8.0 kW
Temperature Settings	25°C (Laser Module), 30°C (QBH)
Cooling Tubes Size	I.D. Φ32 mm
Cooling Water Flow Rate (Laser)	>120 L/min
Cooling Water Flow Rate (QBH)	1.5~2.0 L/min

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Package Dimensions (mm)

