

SINGLE MODULE CW FIBER LASER FOR WELDING

- Field for application welding
- High power stability
- Excellent optical quality
- Compact design
- fast switching response



SPECIFICATION

Product Name	RFL-C1000H	RFL-C1500H	RFL-C2000H
Operation Mode	CW / Modulate	CW / Modulate	CW / Modulate
Average Power (CW)	1000 W	1500 W	2000 W
Wavelength	1080±5 nm	1080±5 nm	1080±5 nm
Repetition Frequency Range	50-20.000 Hz	50-20.000 Hz	50-20.000 Hz
Output Power Stability	< 3%	< 3%	< 3%
Terminal Type	QBH	QBH	QBH
Output Fiber Core	50 µm (100,200 optional)	50 µm (100,200 optional)	50 µm (100,200 optional)
Beam Quality	BPP <1.5	BPP <1.5	BPP <1.5
Power Supply	230 V, Single Phase	230 V, Single Phase	400 V, three Phase
Control Mode	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet
Range of Power (%)	10-100 %	10-100 %	10-100 %
Power Consumption	3000 W	4500 W	6000 W
Dimensions (mm) W*H*D	410x150x405	410x150x610	410x150x686
Cooling	Water	Water	Water
Operating Temperature	10 – 40 °C	10 – 40 °C	10 – 40 °C