

## QCW FIBER LASER

- High stable laser output
- High pulse energy
- Short pulse setup
- Compact design
- Very competitive price



### SPECIFICATION

Product Name	RFL-QCW75/750	RFL-QCW100/1000	RFL-QCW150/1500	RFL-QCW300/3000	RFL-QCW450/4500	RFL-QCW600/6000
Operation Mode	CW / Modulate	CW / Modulate	CW / Modulate	CW / Modulate	CW / Modulate	CW / Modulate
Average Power (CW)	120 W	100 W	250 W	300 W	450 W	600 W
Average Power (pulse)	75 W	100 W	150 W	300 W	450 W	600 W
Max. Output Power	750 W	1000 W	1500 W	3000 W	4500 W	6000 W
Max. Pulse Energy	7.5 J	10 J	15 J	30 J	45 J	60 J
Wavelength	1080±5 nm	1080±5 nm	1080±5 nm	1080±5 nm	1080±5 nm	1080±5 nm
Repetition Frequency Range	0-5000 Hz	0-5000 Hz	0-5000 Hz	0-5000 Hz	0-5000 Hz	0-5000 Hz
Pulse Width	0.05-50 ms	0.05-50 ms	0.05-50 ms	0.05-50 ms	0.05-50 ms	0.05-50 ms
Output Power Stability	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
Terminal Type	QBH	QBH	QBH	QBH	QBH	QBH
Output Fiber Core	14, 25, 50 μm	14, 25, 50 μm	14, 25, 50 μm	25, 50, 100, 200 μm	50, 100, 200 μm	50, 100, 200 μm
BBP (mm.mrad)	0.4, 0.5, 1.5	0.4, 0.5, 1.5	0.4, 0.5, 1.5	0.5, 1.5, 2.5, 3.5, 6	2.5, 3.5, 6	2.5, 3.5, 6
Power Supply	230 V, Single Phase	230 V, Single Phase	230 V, Single Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase
Control Mode	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet
Range of Power (%)	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %
Power Consumption	500 W	550 W	1000 W	1500 W	2000 W	3000 W
Dimensions (mm) W*H*D	280x440x148	390x191x460	485x763x237	570x565x234	570x565x234	900x960x1160
Cooling	Air	Air	Air	Air	Water	Water
Operating Temperature	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C