

QCW
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150W

QCW

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150W

Chain
Welding
Machine



Parameters

Model No	QCW100W	QCW150W	QCW300W
Laser wavelength	1080nm ± 5nm		
Output power	100W	150W	300W
Max pulse energy	10J	15J	30J
Max peak power	600W	1500W	3000W
Pulse width	0.2 - 50 ms		
Operating mode	QCW	QCW&PWM	
Energy fluctuaion	<1.5%		
Optical fiber core	14um/20um/30um/ 50um/100um/150u m/200um & DOE	20um/30um/50um/100um/1 50um/200um & DOE	
Number of outputs	1, RQB		
Optical fiber armor length	1.5m & 6m (customizable)		
cooling mode	Air cooling		
Power consumption	400W	600W	1200W
Power requirements	AC220V ± 10%, 50/60Hz		
Layer switching time	>0.5ms		
Layer	16		
Laser operating temperature	10℃ - 45℃		