100W – 120W JPT MOPA M7
FIBER LASER MARKING MACHINE

Technical Specifications

	Unit	Parameter	
Product Model		YDFLP-60-M7-L1-R	YDFLP-80-M7-L1-R
Beam Quality Factor	M^2	< 1.8	
Cable Length	m	3	
Nominal Power	W	> 100	> 120
Max Pulse Energy	mJ	1.5	1.5
Repetition Rate	kHz	1 - 4000	
Pulse Duration	ns	2 - 500	
Power Stability	%	< 5	
Cooling Method		Air Cooled	
Supply DC Voltage	VDC	48	
Current Consumption	A	< 8	< 9
Environmental Supply Current	A	> 8	> 9
Power@20℃	W	< 400	< 450
Emission Wavelength	nm	1064	
Emission Bandwidth@3dB	nm	< 15	
Polarization		Random	
Output Beam Diameter	mm	7±0.5	
Power Tunability	%	0 - 100	
Operation Temperature	℃	0 - 40	
Storage Temperature	℃	-10 - 60	
Weight	KG	13.2	
Size(L×W×H)	mm	350 × 280 × 112	

ZBTK High-Speed Galvanometer with Silicone Mirrors

Manufacturer	ZBTK Technology Co.
Model	ZB2D10C1064R-X1
Reflection Wavelength	1064 nm
Input Aperture	10 mm
Typical Scan Angle	0.35 rad
Non-Linearity	<0.5 mrad
Tracking Error	0.15 ms
Repeatability	<15 urad
Gain Drift	<50 ppm/k
Offset Drift	<50 urad/k
Long-Term Drift >8 h	<0.2 mrad
Marking Speed	2 m/s
Positioning Speed	10 m/s
Digital Interface	XY2-100
Power Requirements	15VDC 5A
Outline Dimensions	114x96x94 mm
Weight	1510 g
Operation Temperature	10°C - 50°C

Models

Fiber Laser	100W JPT M7		120W JPT M7	
Software	EZCAD2	EZCAD3	EZCAD2	EZCAD3
Model	FLMZ100JPT-EZC2	FLMZ100JPT-EZC3	FLMZ120JPT-EZC2	FLMZ120JPT-EZC3
Barcode	0 643459 671256	0 643459 671263	0 643459 671287	0 643459 671294
UPC	643459671256	643459671263	643459671287	643459671294