



Riselaser

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

JPT LP E-20 Fiber Laser Source



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Product description

JPT LP series pulsed fiber lasers make use of master oscillator power amplifier (MOPA) configuration and show excellent laser performance as well as high level of temporal pulse shaping controllability. Compared with Q-switching technology, LP series products have greater flexibility, wider frequency range, higher control precision and superior first pulse.

Advantages

- 1.High stability laser output
- 2.High single pulse energy
- 3.High marking efficiency
- 4.Short pulse settling time
- 5.High reliability
- 6.Maintenance-free operation

Application

Scribing, Drilling
Marking on fly
Sheet metal cutting, Welding
Laser derusting
Peeling coating



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Parameters

	Unit	Parameters		
Product Model		YDFLP-E-20-LP-S	YDFLP-E-30-LP-S	YDFLP-E-50-LP-L-R
M ²		<1.5	<1.5	<1.8
Delivery Cable Length	m	2	2	3
Nominal Average Output Power	W	>20	>30	>50
Maximum Pulse Energy	mJ	0.8	0.8	1.25
Pulse Repetition Rate Range	kHz	1~600		
Pulse Duration	ns	200		
Output Power Stability	%	<5		
Cooling Method		Air Cooling		
Supply DC Voltage (VDC)	V	24		
Current Consumption	A	<5	<7	<10
Environmental Supply Current	A	>5	>7	>10
Power@20°C	W	<110	<150	<220
Central Emission Wavelength	nm	1064		
Emission Bandwidth@3dB	nm	<15		
Polarization		Random		
Output Beam Diameter	mm	7±0.5		
Output Power Tuning Range	%	0~100		
Operation Temperature	°C	0~40		
Storage Temperature	°C	-10~60		
N.Weight	kg	3.75	4.25	8.2
Size(L×W×H)	mm	245×200×65	245×200×65	325×260×75

Certificate



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Exhibition

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