



Shenzhen Fuzhe Technology Co.,Ltd.

Add:C209,Yuanzheng,Bantian,Longgang District,Shenzhen,Guangdong,China.518129

Tel:+86 755 84528255 Email: kf178@163.com www.fulaser.com

Passively Q-Switched Pulsed 532nm Green Laser

For application in micro cutting/marking, signal detection, etc.

Easy use & maintenance free

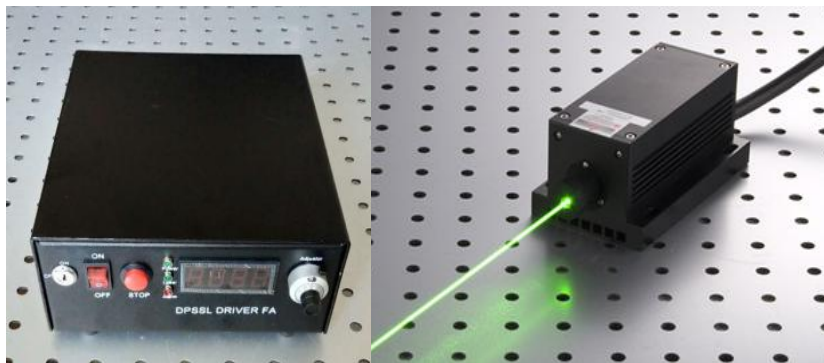
Longlife operation

High efficiency

High reliability

Specifications

Model No.	FU532AD100-F100Q(10uJ)
Wavelength	532nm
Spatial Mode	TEM ₀₀
Output Power	30~100mW
Single pulse energy	3~10uJ(random/stochastic)
Pulse Width	10~50ns (random/stochastic)
Peak power	300W~10KW
Repeat frequency	10KHz
Beam spot shape	Circular, aspect ratio<1.1:1
Pointing to stability	<0.05 mrad
Beam diameter (1/e2)	<2 mm
Beam divergence	<1 mrad
Power stability	<±3% per 2 hrs
Beam height	29mm
Temperature stable	TEC
Preheat time	<5 minutes
Beam Quality (M2)	<2
Best working temperature	20~30°C
Storage temperature	10~50°C
MTTF	10,000 hrs
Laser head dimensions	155(L)x77(W)x60(H)mm3
Power supply	178(W)x197(D)x84(H) mm3 85~265V 50/60Hz input





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Specifications

Model No.	FU532AD200-F100Q(20uJ)
Wavelength	532 nm
Spatial Mode	TEM00
Average Output Power	<200mw
Single pulse energy	20uJ
Pulse width	20ns (15~30ns customized)
Peak Power	300W~1000W
Repeat Rate	1~10KHz
Modulation signal	0~50K Hz
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter (1/e2)	<1.5 mm
Beam Divergence	<1.5 mrad
Power Stability	<±3% per 2 hrs
Beam Height	29mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M2)	<2
Optimum Operating	20~30℃
Storage Temperature	10~50℃
MTTF	10,000 hrs
Laser head dimensions	155(L)x77(W)x60(H)mm3
Power Supply	178(W)x197(D)x84(H) mm3 85~265V 50/60Hz input

