

Picosecond green laser 50W/100W/200W
一、 Product introduction:

Gongda laser's new industrial picosecond green fiber laser has the characteristics of stability and reliability, and ensures economy while supporting high-precision processing. The laser adopts the integrated design of light and electricity. This series of products can be widely used in material micro processing, solar / photovoltaic industry processing, brazing, glass based ink removal / marking, PVD removal and other fields.

二、 Product features

1. Output wavelength 532nm
2. Output power up to 100W
3. Single pulse energy 100uj
4. Pulse width 50-800ps
5. Water cooling, compact structure and stable operation
6. Integrated optical and electrical design

三、 Product application

1. Material micromachining
2. Solar / photovoltaic industry processing
3. Glass based ink removal / marking
4. FPC covering film cutting
5. PVD removal
6. Cutting and welding of high reflection materials

四、 Product parameters

Product model	Unit	GNPL-50-10	GNPL-100-10	GNPL-200-10
Wavelength	nm	532		
Average power	W	50	100	200
Working mode	-	1 Burst		
Pulse width	ps	50-800		
Repetition frequency	MHz	5	10	20
Pulse energy	uJ	10	10	10
Beam quality	-	M2<1.3		
Spot roundness	%	90		
Beam diameter	mm	3~6, 1/e2		
Polarization ratio		>100:1		
Polarization state		Linear		
Pulse stability	%	<2% RMS		
Power stability	%	<2% RMS		
Working temperature	°C	10~35		
Refrigeration mode	-	Water Cooling		
Overall size	mm	705×368×161		