



## 50W/60W/70W/80W/100W GL SERIES



Technical Parameters	Unit	Specifications
Product Model		YFPN-50/60/70/80/100-GL
Max. Average Power	W	50/60/70/80/100
Max. Pulse Energy	mJ	1.5
Frequency Range	kHz	1 ~ 1000
Pulse Width	ns	150-300
Beam Quality $M^2$		<1.8
Central Wavelength	nm	1060-1080
Collimated Beam Diameter	mm	6.0~ 8.0
Delivery Cable Length	m	3
DC Voltage	V	48
Cooling Method		Air
Operating Temperature	°C	0~40
Storage Temperature	°C	-10-60

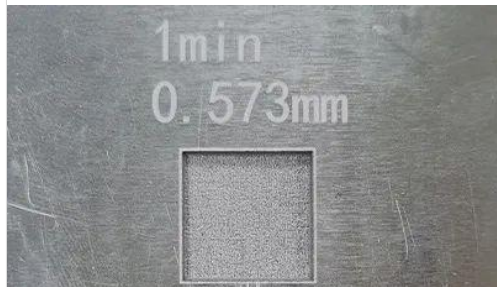
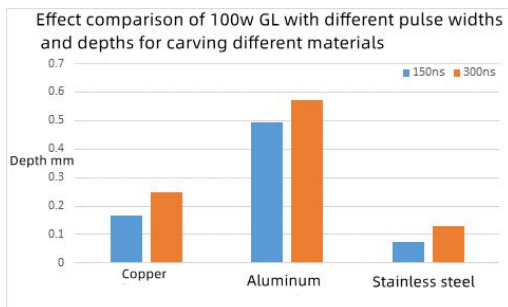
## Laser deep engraving

Laser deep engraving is a common laser processing application. Compared with traditional methods, laser deep engraving has the advantages of no pollution, high precision, flexible engraving content, and can meet complex engraving processes. In recent years, lots of countries are paying more and more attention to environmental protection, and the traditional corrosion process will be gradually replaced. So the market prospect of laser deep engraving will be very huge.

GZTECH's preferred deep engraving laser

In response to the diversification of engraving needs in the market, GZTECH has launched the GL series MOPA pulsed laser through special pulse modulation methods, repeated tests and parameter optimization. It has an adjustable pulse width of 150ns~300ns, which is a significant advantage in laser deep engraving.

Examples of laser deep engraving on metals



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