LASER TECH™



Semiconductor Laser

DLPS-100-F

The high-power fiber-coupled semiconductor laser system has a higher photoelectric conversion efficiency than the fiber laser, is a compact and efficient high-power laser, maintenance-free, suitable for use with automation equipment, laser flexible processing applications.

Advantages

- EO conversion rate of more than 50%, energy saving and environmental protection;
- The output wavelength is short, the laser absorption rate of the work piece is higher;
- Spot energy evenly distributed, flat-top beam output;
- Mode can switch pulse mode and continuous mode;
- Diverse compatibility can be directly integrated into user devices, a wide range of applications.

Applications

Widely used in automotive interior, engine compartment plastic parts and fuel system components welding, mobile phones, tablets, notebooks and other electronic products plastic shell, battery bin, connectors and other components welding.

The professional performance laser series of GW is aimed at customers who have the pursuit of product performance indicators, the replacement of imported products or the product functionality requirements. Product design to the first-line brand, with better product performance indicators, perfect functions, design redundancy is greater, to provide customers with more value-added space.

- Save operating costs for users, reduce heat generation and extend the lifespan of equipment at the same time
- Flat-top beam output, spot energy evenly distributed
- Efficient air cooling design
- Power 1~100% adjustable, flexible to different processing needs

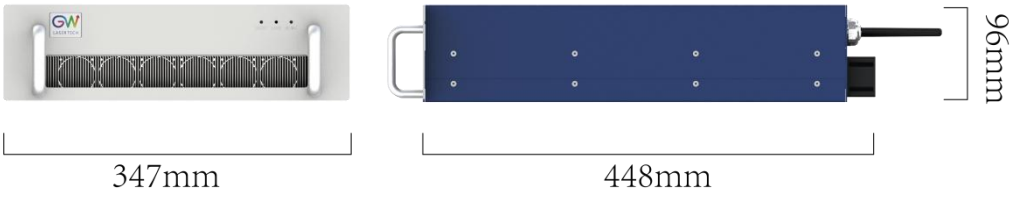
EO conversion efficiency≥50%	1~100% power adjustable	32 groups of waveform editing	Efficient air cooling design

Semiconductor Laser

DLPS-100-F

Product specification parameter	DLPS-100-F
Output Power (watt)	100
Operating Mode	CW/Modulation
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	940±10
Beam Quality	BPP≤25
Interface Type	HPSMA905
Delivery Fiber Core Diameter (conventional configuration, optional)	400um
Cooling Method	Air-cooling
Ambient Temperature Range (℃)	-10-40
Input Voltage	220VAC/50Hz
Dimension (mm)	347 x 483 x 96 (L×W×H)
Weight (kg)	< 15

Unit: mm



Legal Notice: All product information is believed to be accurate and subject to change without notice.

Legal statement:

GW smart fiber laser products are designed in strict accordance with safety regulations. All production is in accordance with international standards and regulations currently in force in the country. Each GW laser has a warning sign as shown in the figure.



GW(Shanghai) Laser Technology Co.,Ltd. Tel: +86 2139721122 Email: sales@gwlaser.tech
Web: www.gwlaser.tech Addr: Building 5-1, No.398, Shuanglian Road, Xujing Town, Qingpu District, Shanghai