

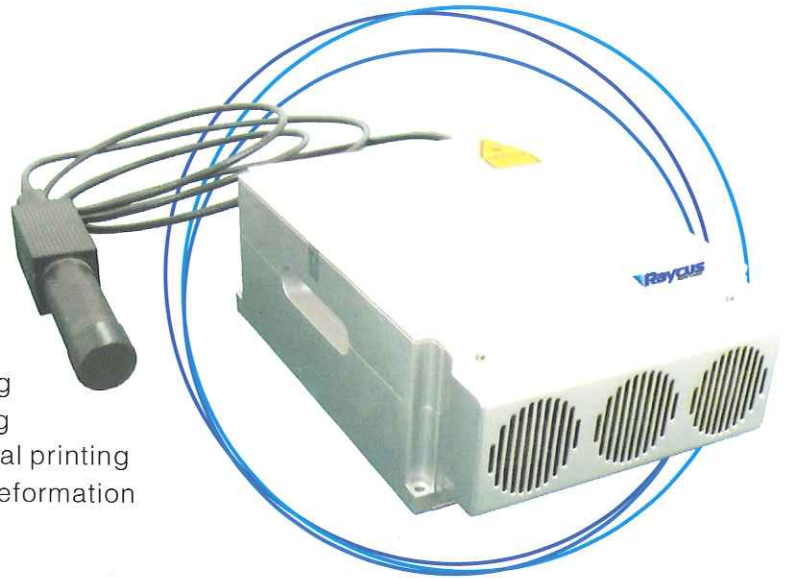
5W-30W Continuous Wave Fiber Laser

Product descriptions

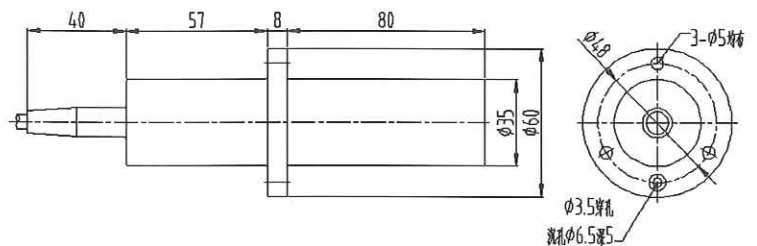
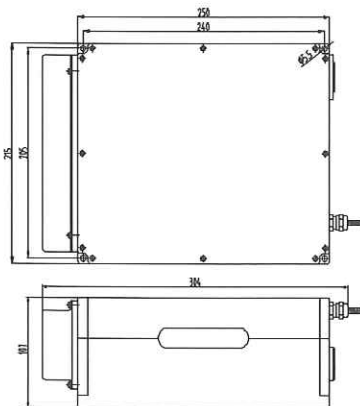
5W-30W Continuous Wave fiber laser can be used for marking metallic and nonmetallic materials with high beam quality and power stability. It can be used in environments of high-pressure and high-humidity.

Applications

- Marking
- Engraving
- Micro-bend-deformation
- Material processing
- Micromachining
- Cutting
- Drilling
- Thermal printing
- 3-D deformation



Dimensions



Fiber collimator dimension

Laser module dimension

Technical parameters

Operating mode	5W CW	10W CW	20W CW	30W CW
Central emission wavelength (nm)	1064 ± 1	1064 ± 1	1064 ± 1	1064 ± 1
Polarization	random	random	random	Random
Nominal average output power (W)	5	10	20	30
Output power adjustment range (%)	5-100	5-100	5-100	5-100
Output power instability (%)	<3	<3	<3	<3
Beam quality (M ²)	<1.1	<1.1	<1.1	<1.1
Output fiber cable length (m)	2.5	2.5	2.5	2.5
Working voltage (ACV, 50/60Hz)	220	220	220	220
Power consumption (20°C) (W)	25	50	95	140
Cooled	wind	wind	wind	wind
Dimension, W×D×H (mm)	304×215×107	304×215×107	304×215×107	304×215×107
Weight (kg)	7	7	7	7
Working temperature range (°C)	0-45	0-45	0-45	0-45
Working humidity range (%)	10-95	10-95	10-95	10-95