



YL-I-455 1~40W

DIODE LASER AT 455nm

Diode laser 455nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.

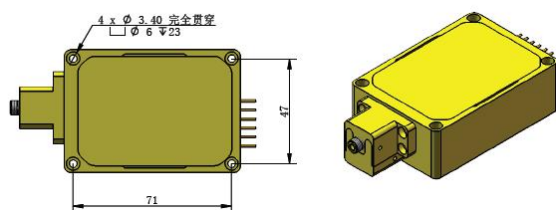
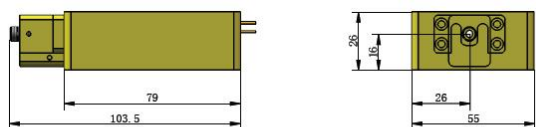


SPECIFICATIONS

Wavelength (nm)	455±5
Operating mode	CW
Output power (W) @ after 400um fiber	1~40
Fiber Core Diameter (um)	100, 200, 400, 600
Fiber Connector	SMA905/ FC
Numerical Aperture (NA)	0.22
Fiber length (m)	1 (Fiber length can be customized)
Power stability (rms, over 4 hours)	<1%
Cooled method	With TEC/ without TEC optional
Warm-up time (minutes)	<5
Operating temperature (°C)	25+/-3
Expected lifetime (hours)	10000
Warranty	1 year

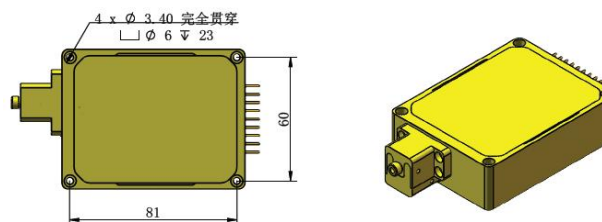
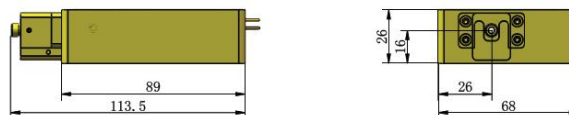


Dimensions of Laser head (Without TEC)



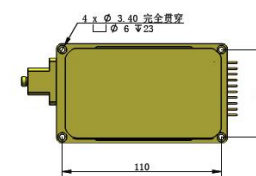
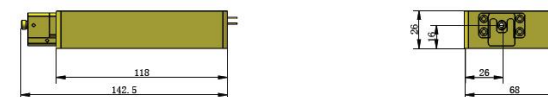
1-15W

103.6 (L)*55 (W)*26 (H) mm³



16-30W

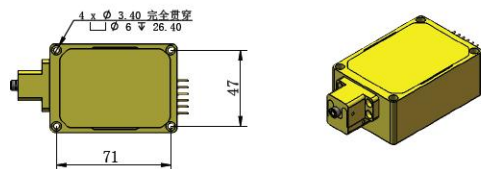
113.5 (L)*68 (W)*26 (H) mm³



31-40W

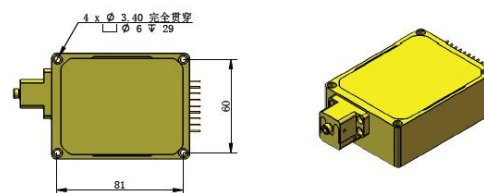
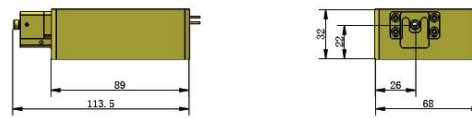
142.5 (L)*68 (W)*26 (H) mm³

Dimensions of Laser head (With TEC)



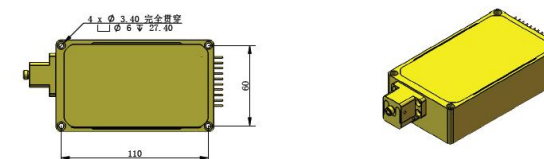
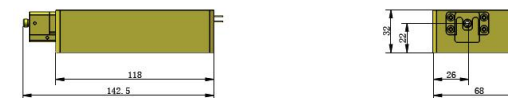
1-15W

103.6 (L)*55 (W)*32 (H) mm³



16-30W

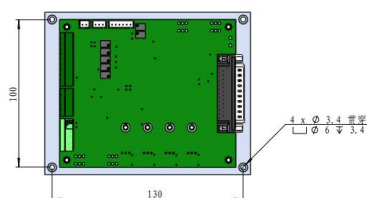
113.5 (L)*68 (W)*32 (H) mm³



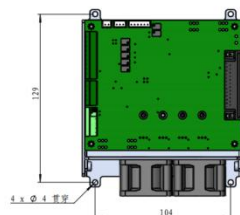
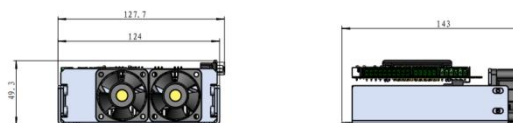
31-40W

142.5 (L)*68 (W)*32 (H) mm³

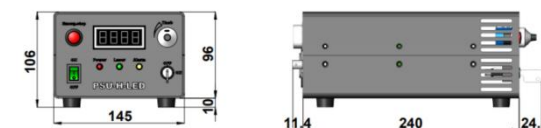
Driver (Optional)



140 (L)*110 (W)*24 (H) mm³

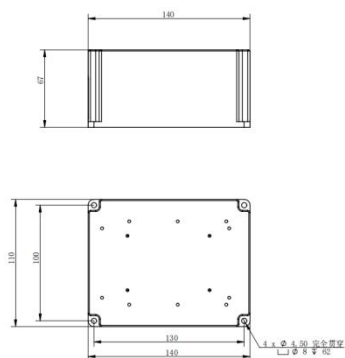


143 (L)*127.7 (W)*49.3 (H) mm³

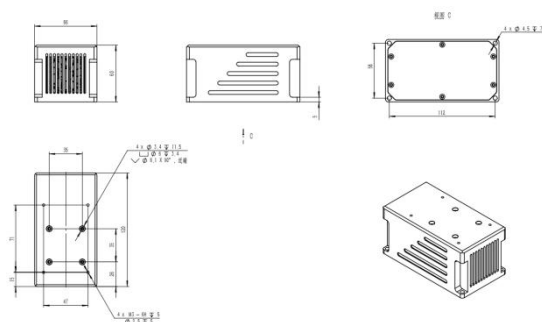


276.2 (L)*145 (W)*106 (H) mm³

A heat dissipation

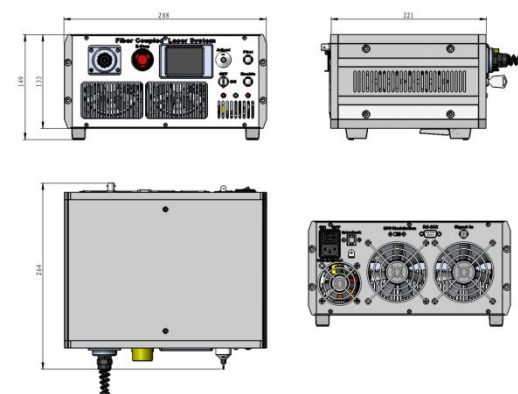


140 (L)*110 (W)*67 (H) mm³



120 (L)*66 (W)*60 (H) mm³

FC-W



264 (L)*288 (W)*149 (H) mm³