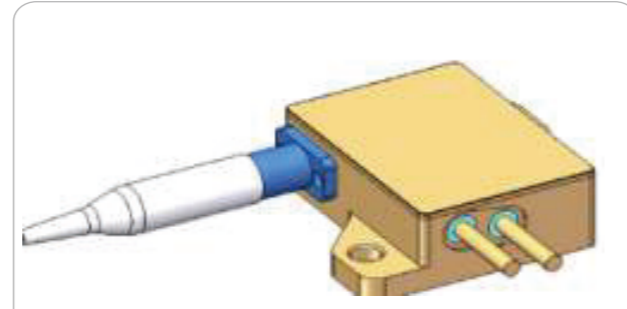


880nm Series Diode Laser

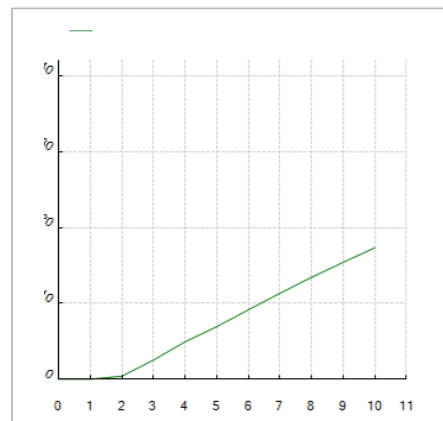
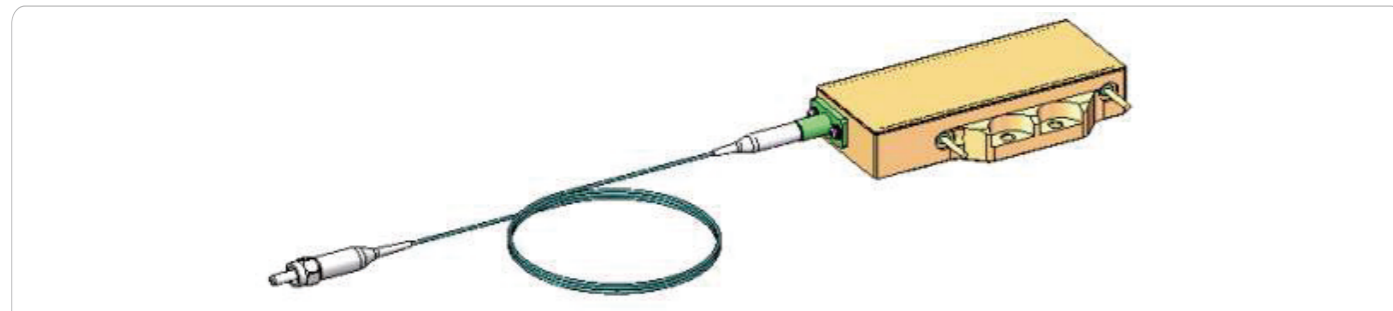
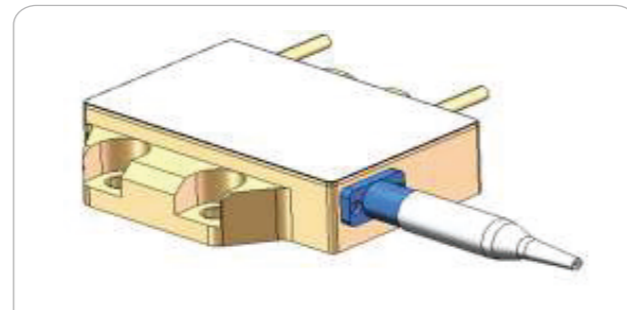
Product Description

880nm series fiber coupled high power diode laser

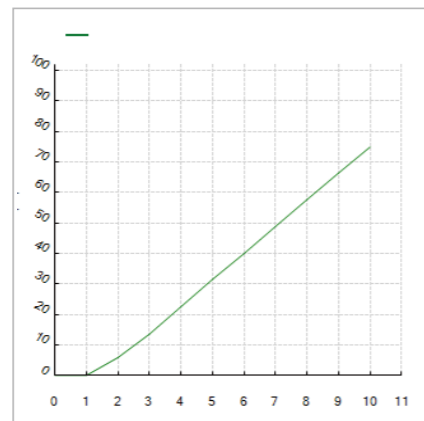


Application Advantages

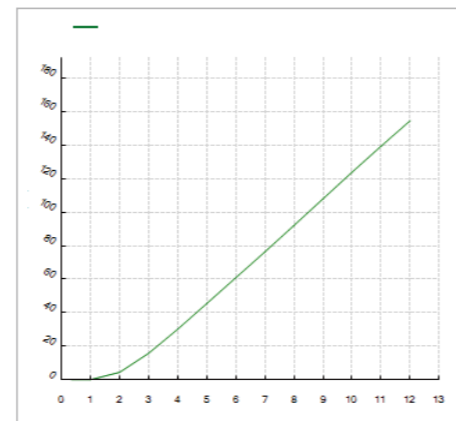
- Maintained at 878.6nm wavelength
- Multiple single emitter based diode laser, high reliability
- 1040-1200nm Anti-reflection protection



16W Power curve



65W Power curve



120W Power curve

Specifications

Parameter	Unit	Parameter			
Product Model		880-8W	880-30W	880-65W	880-120W
Output Power	W	8	30	65	120
Central Emission Wavelength	nm	878.6			
Spectral Width (Fwhm)	nm	0.5			
95% Power Within NA	NA	0.2			
Anti-reflection Range	nm	1040~1200			
Conversion Efficiency	%	50			
Threshold Current	A	1.8			
Operating Current	A	12			
Operating Voltage	V	1.8	6.8	14.5	21.5
Core Diameter	μm	400			
Fiber Clad Diameter	μm	440			
Operating Temp.	°C	15~40			
Storage Temp.	°C	-20~85			
Wavelength Temperature Coefficient	nm/°C	0.03			
Dimension	mm	62.5×29×10.02	77×38.5×10.95	119.5×48×17	163.5×48.5×20.65
Weight	g	≈40	≈92	≈310	≈638

· Customizable products allow flexible configuration of model parameters according to specific needs.