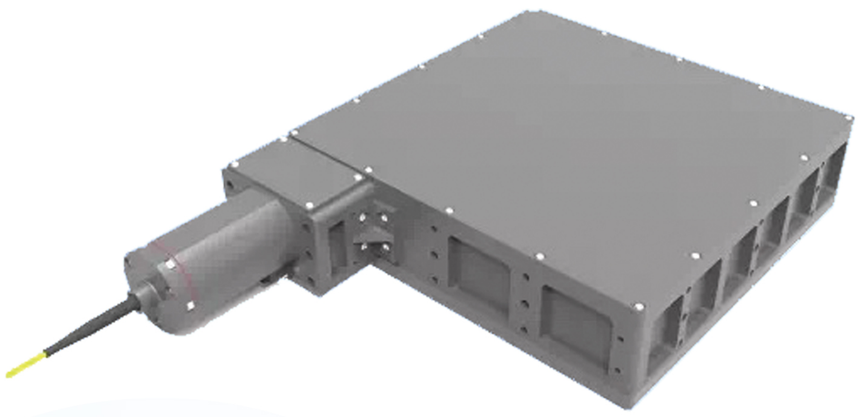
Fiber Coupled Module

EB-FCP-600-200-0976-0.5



Application

R&D

High performance fiber laser pumping

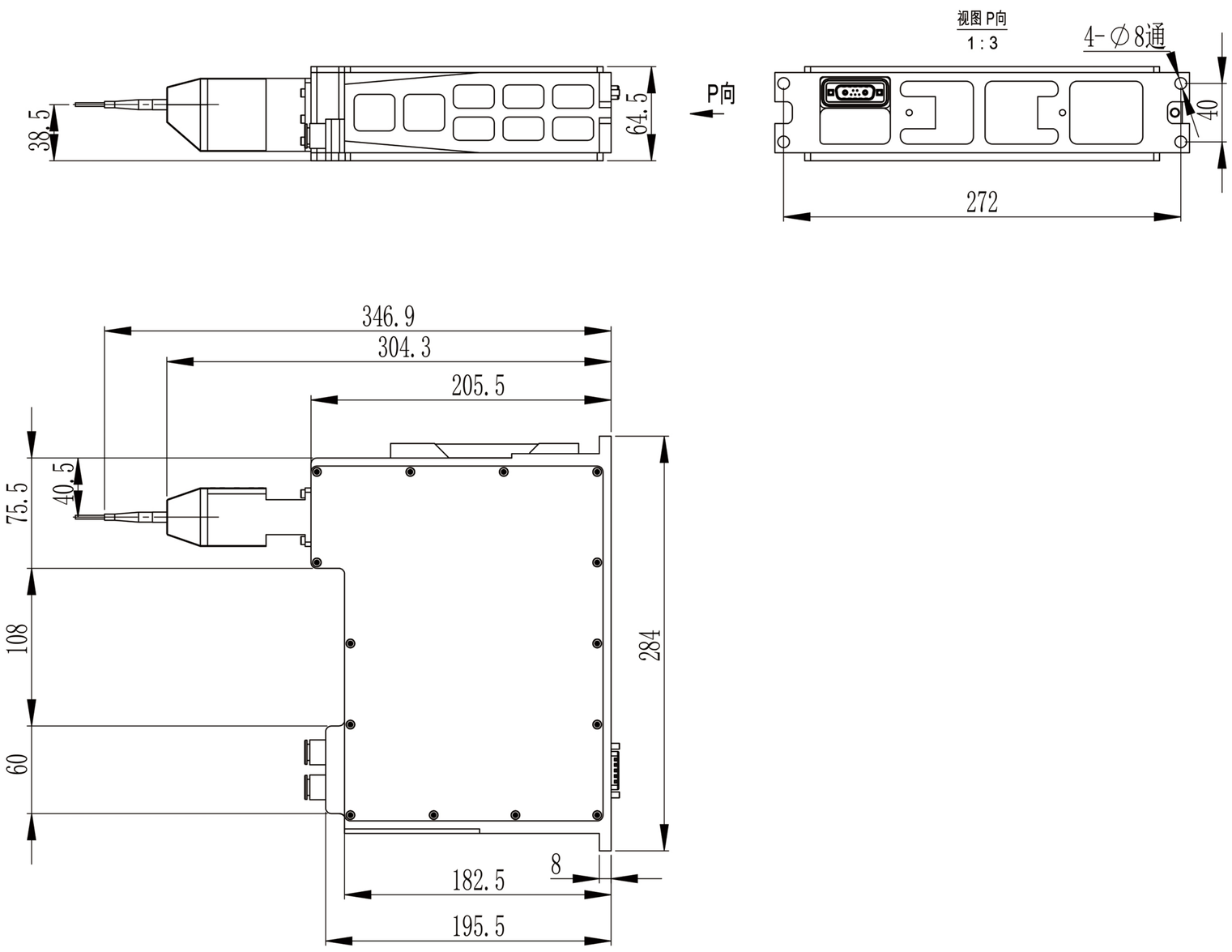
Direct diode laser

Features

Full range wavelength locking

High power

Small numerical aperture



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M Serial		Item Number[1] EB-FCP-600-200-0976-0.5		
Parameter	Unit			
Optical		**Min**	**Typical**	**Max**
Center Wavelength	nm		976	
Wavelength Tolerance	nm		±0.5	
Output Power	W	600		
Spectral Width (FWHM)	nm		0.5	0.8
Numerical Aperture	-		0.16	0.17
Fiber Core	μm		200	
Fiber Connector	-		SMAQ/pigtail	
Fiber Length	m		2	
Electrical				
Power Conversion Efficiency	%	40	42	
Threshold Current	A		0.5	
Operating Current	A		10	10.5
Operating Voltage	V		150	155
Thermal				
Operating Temperature	℃	15		35
Storage Temperature	℃		-40~60	
Wavelength Temperature Coefficient	nm / ℃		0.02	0.03
Others				
Anti Reflection Wavelength Range	nm		1030~1200	
Reflection Efficiency	dB		>30	

Notes

1. Explanation of Item Number: EB (Everbright In Short) - FCP (Fiber Coupled Module) – 600 (Output Power is 600W) - 200 (Fiber Core is 200μm) - 0976 (Center Wavelength is 976nm) - 0.5 (Wavelength Tolerance is ±0.5nm)

2. Above Data Test at 25℃, Unless otherwise stated.

3. Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device lifetime will be inpacted.

4. Lifetime reduced if exceed nominal output power.

Version: MK01-1807B-R03

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