



Features

- 792, 808, 888, 976, 1320, 1470, 1532, 1908
- Custom Wavelengths available
- Conduction cooled
- Detachable fiber available
- Cladding free power
- Dichroic filter protection available
- Integrated water-cooled plate

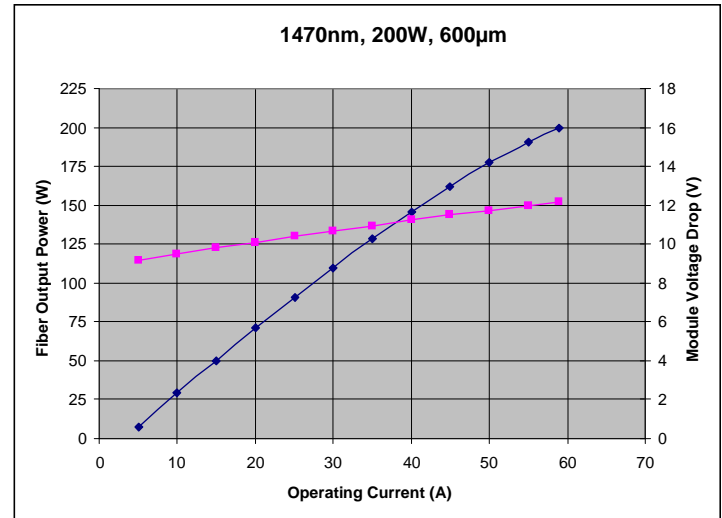


Applications

- Laser pumping: Fiber lasers, Solid state lasers
- Materials processing: Marking, Soldering, Welding, Engraving
- Medical: Dental, Ophthalmology, Therapeutic, Surgical
- Defense: Target illumination, High energy laser pumping

Benefits

- Low power consumption
- Compact
- Long lifetime
- High efficiency
- Long working distance and sharper features



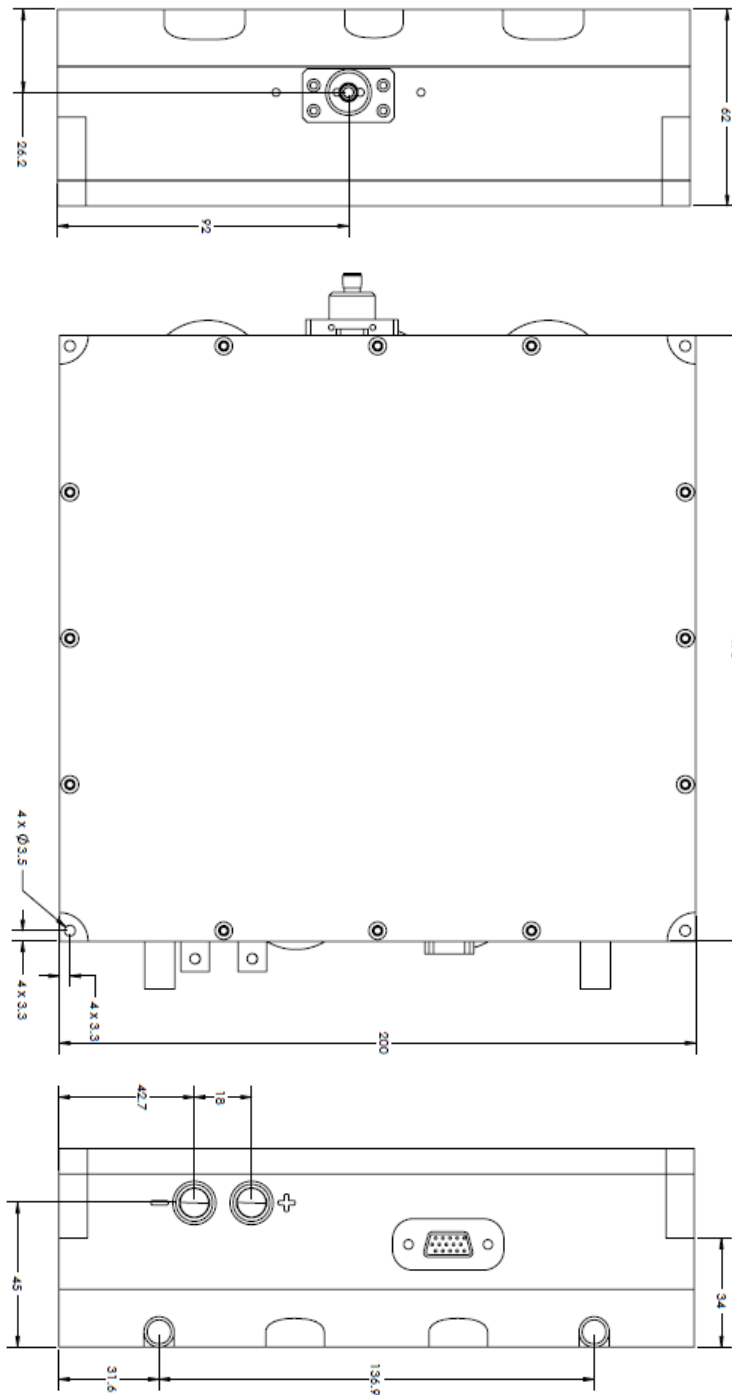
Model Number	6407-0000	6408-0000	6408-0004	6409-0000	6409-0002	6414-0002	6414-0001	6414-0006
Output power	200 W	200 W	250 W	325 W	425 W	35 W	125 W	200 W
Operating current	< 60 A	< 60 A	< 64 A	< 90 A	< 100 A	< 38 A	< 65 A	< 100 A
Operating voltage	< 15 V	< 11 V	< 15 V	< 12.5 V	< 13 V	< 5 V	< 10 V	< 13 V
Typical efficiency %	28	37	30	34	40	21	20	10
Center wavelength	792 nm	808 nm	888 nm	976 nm	976 nm	1470 nm	1470 nm	1470 nm
Wavelength tolerance	± 3.0 nm	± 5.0 nm	± 3.0 nm	± 3.0 nm	± 5.0 nm	± 10.0 nm	± 10.0 nm	± 25.0 nm
Spectral width (FWHM)	<6 nm	< 8 nm	< 7 nm	< 7 nm	< 12 nm	< 20 nm	< 20 nm	< 20 nm
Wavelength temp. coefficient	< 0.3nm/°C	< 0.3nm/°C	< 0.3nm/°C	< 0.3nm/°C	< 0.3nm/°C	< 0.45nm/°C	< 0.45nm/°C	< 0.45nm/°C
Operating temp. (Baseplate)	20°C	20°C	20°C	20°C	20°C	20°C	20°C	20°C
Fiber core diameter (nominal)	400 µm	400 µm	400 µm	400 µm	800 µm	200 µm	400 µm	600 µm
Fiber NA (nominal)	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Fiber length	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m
Fiber output connector	SMA	SMA	SMA	SMA	SMA	SMA	SMA	SMA
Water Flow Capacity	3 L/min	3 L/min	3 L/min	3 L/min	3 L/min	3 L/min	3 L/min	3 L/min
Module size (L x W x H)	200 mm x 190 mm x 77 mm							

Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

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