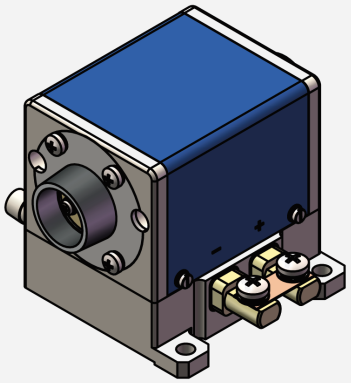
QCW DIODE PUMP MODULE

(LMD-1064-Q1800-2-38.1-1-D3H3-ST-0263)

Lumíspot

Features

- High power pumping ability
- Excellent beam and stability
- Quasi-continuous wave laser operation
- Compact and reliable design



Applications

- Nano/Pico-second Laser Amplifier
- Medical treatment
- High gain pulse pump amplifier

Optical parameter	Unit	Specification	Remarks
Pump Peak Power	W	⩾1800	@200A,25℃
Pump Center Wavelength	nm	808±2	@25℃
Single Bar Peak Power	W	⩾200	@200A,25℃
Bar quantity	pcs	9	–
Crystal rod size	mm	Ø2*63	Nd_YAG
Luminous height	mm	38.1	–
Electrical parameter	**Unit**	**Specification**	**Remarks**
Operating mode	/	QCW	–
Threshold current	A	⩽21	–
Operating current	A	⩽200	–
Operating voltage	V	⩽19.8	–
Diode duty cycle	/	⩽8%	–
Diode pulse width	μs	⩽200	–
Diode repetition rate	Hz	⩽400	–
Another parameter	**Unit**	**Specification**	**Remarks**
Operating temperature	℃	25±5	–
Storage temperature	℃	0~50	–
Volume flow of water	L/Min	10~12	–
Hydraulic pressure	Mpa	0.25~0.4	–

NOTE

1. Power use: Ensure that it is used at the rated voltage and power.
2. The laser must be installed reliably when working.
3. Follow the Lumispot Tech operating instruction manual.
4. For other questions, please contact us.
5. Electrostatic protection: the laser module in transport, storage, use must take appropriate anti-static measures.

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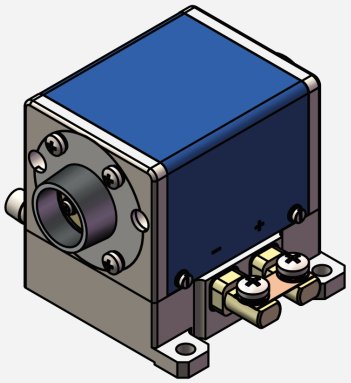

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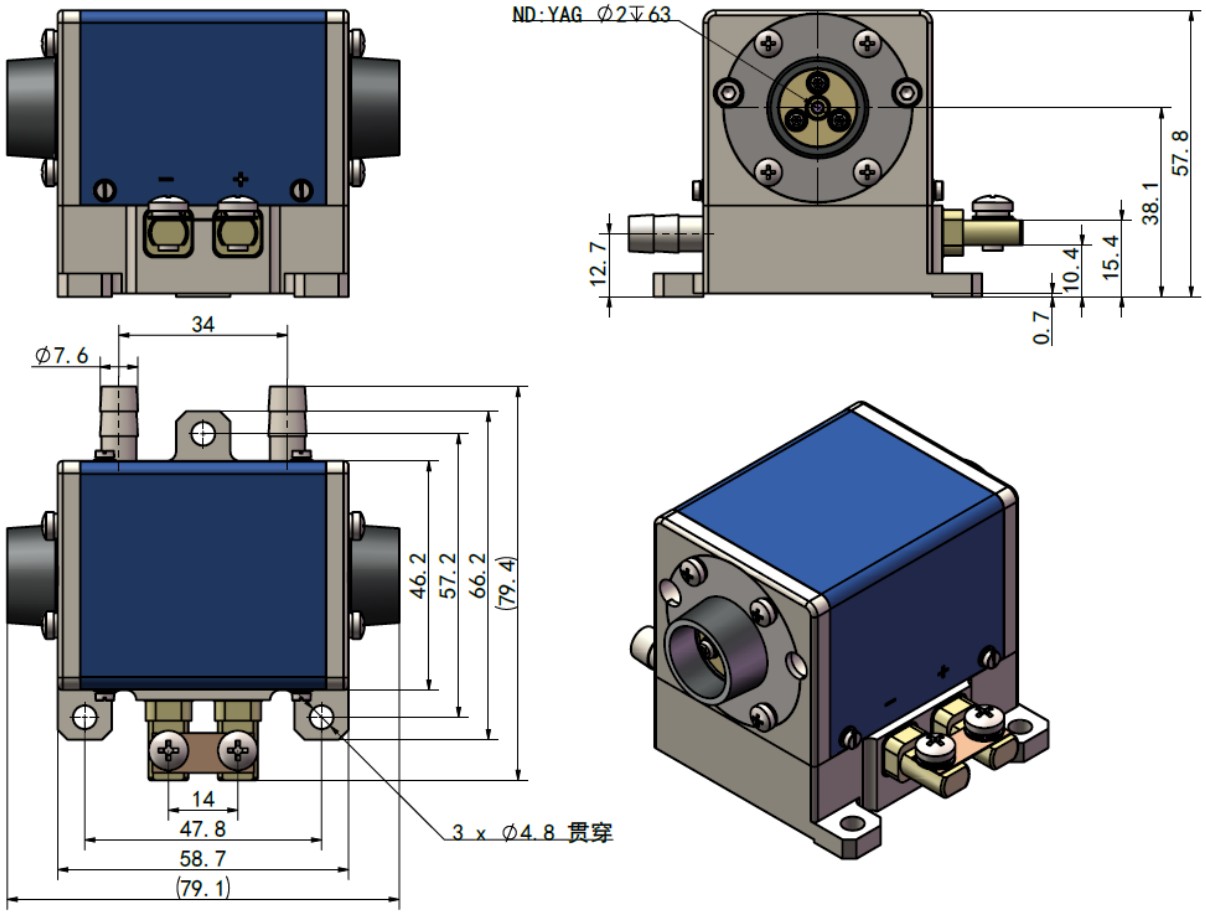
Structure Size



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