

QCW DIODE PUMP MODULE

(LMD-1064-Q6000-8-40-1-P15H4-BZ)

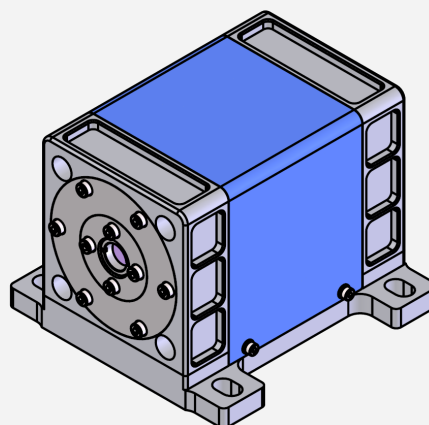


Features

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

Applications

- Nano/Pico-second Laser Amplifier – OPO
- High gain pulse pump amplifier



Optical parameter	Unit	Specification	Remarks
Pump Peak Power	W	≥ 6000	@25°C
Pump Center Wavelength	nm	808 ± 3	@25°C
Single Bar Peak Power	W	≥ 100	–
Bar quantity	pcs	60	–
Crystal rod size	mm	$\varnothing 8 \times 85$	Nd_YAG
Luminous height	mm	40	–

Electrical parameter	Unit	Specification	Remarks
Operating mode	/	QCW	–
Threshold current	A	≤ 17	–
Operating current	A	≤ 100	–
Operating voltage	V	≤ 132	–
Diode duty cycle	/	$\leq 3\%$	–
Diode pulse width	μs	≤ 300	–
Diode repetition rate	Hz	≤ 100	–

Another parameter	Unit	Specification	Remarks
Operating temperature	°C	25 ± 5	–
Storage temperature	°C	0~50	–
Volume flow of water	L/Min	8~10	–
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 LumiSource 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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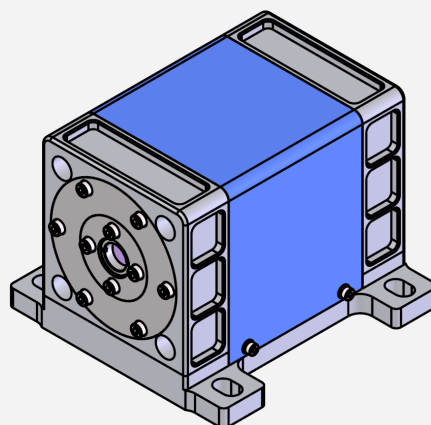


Features

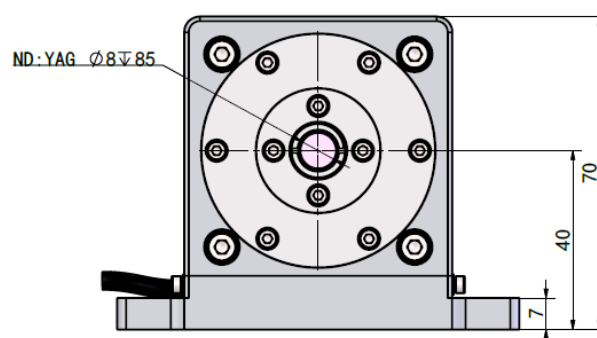
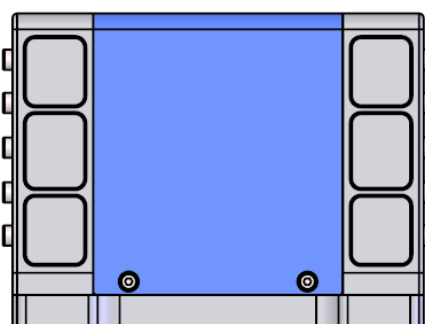
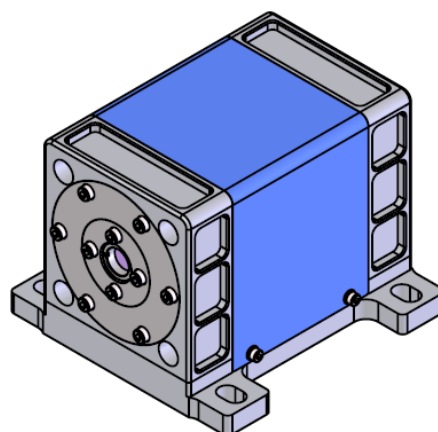
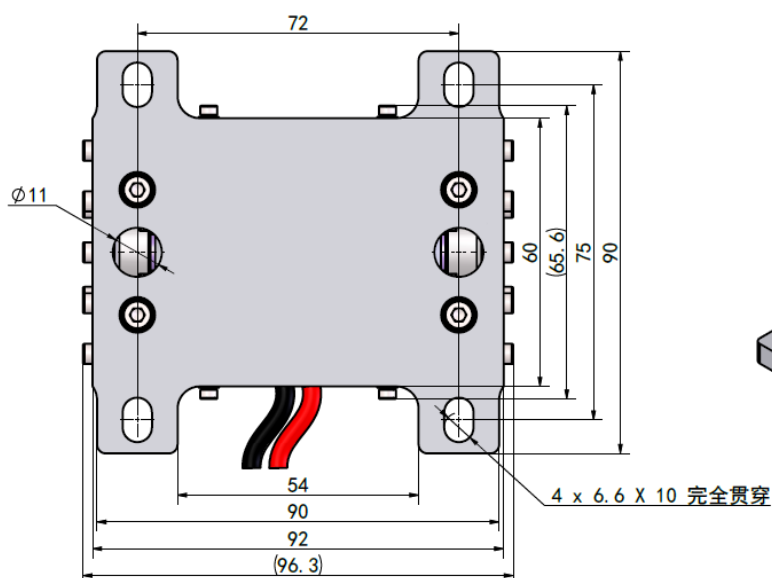
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Structure Size



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We reserve all rights product specifications and descriptions are subject to change.

Products are delivered with a limited warranty only. Please contact our sales representatives for more info.