

# QCW DIODE PUMP MODULE

(LMD-1064-Q10000-9-40-1-C20H10-SF)

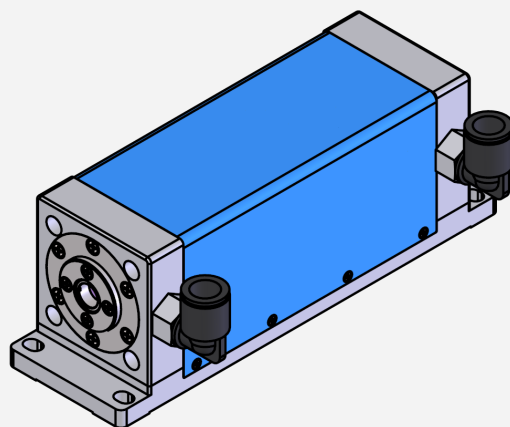


## Features

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

## Applications

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



Optical parameter	Unit	Specification	Remarks
Pump Peak Power	W	$\geq 10000$	–
Pump Center Wavelength	nm	$808 \pm 3$	–
Single Bar Peak Power	W	$\geq 50$	–
Bar quantity	pcs	200	–
Crystal rod size	mm	$\varnothing 9 \times 165$	Nd_YAG
Luminous height	mm	40	–

Electrical parameter	Unit	Specification	Remarks
Operating mode	/	QCW	–
Threshold current	A	$\leq 10$	–
Operating current	A	$\leq 50$	–
Operating voltage	V	$\leq 400$	–
Diode duty cycle	/	$\leq 3\%$	–
Diode pulse width	$\mu\text{s}$	$\leq 300$	–
Diode repetition rate	Hz	$\leq 100$	–

Another parameter	Unit	Specification	Remarks
Operating temperature	$^{\circ}\text{C}$	$25 \pm 3$	–
Storage temperature	$^{\circ}\text{C}$	$5 \sim 50$	–
Volume flow of water	L/Min	$12 \sim 16$	–
Hydraulic pressure	Mpa	$0.25 \sim 0.4$	–

## 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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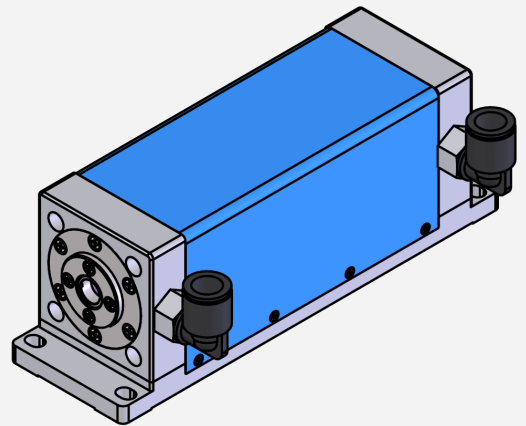


## Features

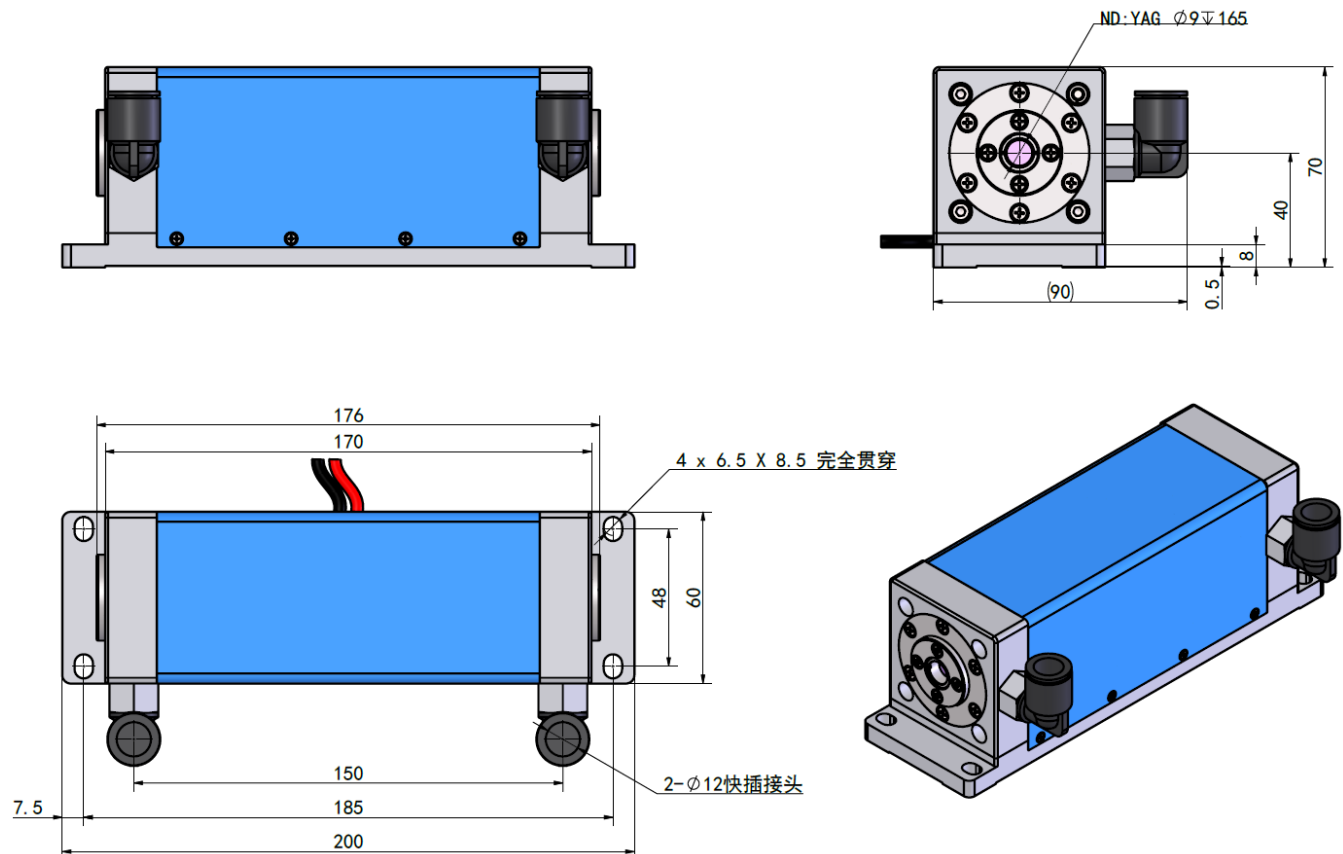
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- Continuous wave operation
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## Structure Size



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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.