PHANOS

ZNA-GM Series

LD PUMPED ALL-SOLID-STATE LASER

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Product Details | ZNA-GM- Series

LD PUMPED ALL-SOLID-STATE LASER

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Part number	ZNA-GM-473	
Wavelength (nm)	473±1	
Operating mode	CW	
Output power (mW)	300-500	500-1000
Power stability (rms, over 4 hours)	<3%, <2%, <1%	<5%, <3%, <2%
Transverse mode	TEM_{00}	Near TEM_{00}
M^2 factor	<1.2	/
Beam diameter at the aperture ($1/e^2$, mm)	~2.0	~3.0
Beam divergence, full angle (mrad)	<1.5	
Polarization Ratio	>100:1, Vertical (Horizontal Optional)	
Warm-up time (minutes)	<5	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	27.4	
Operating Temperature (°C)	10-35	
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional	
Power supply (90-264VAC)	QDI-J-ARF/QDI-J-GFS/QDI-DT	
Expected lifetime (hours)	10000	
Warranty	1 year	

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3 Product Drawings | ZNA-GM Series

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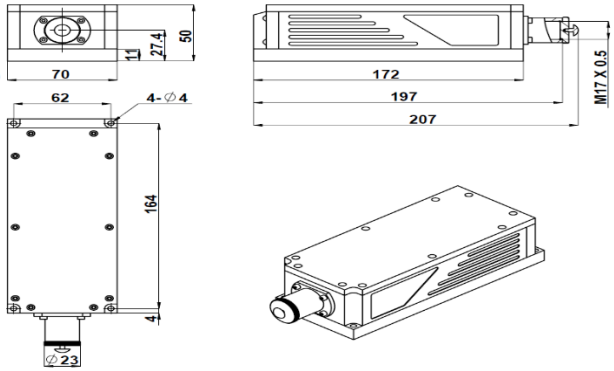
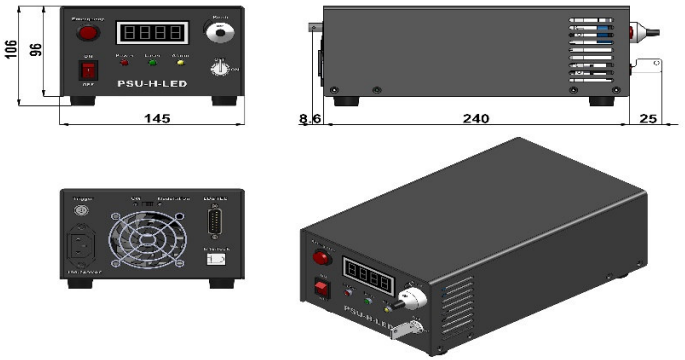
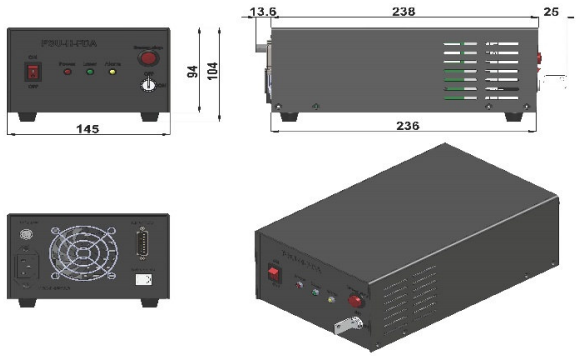
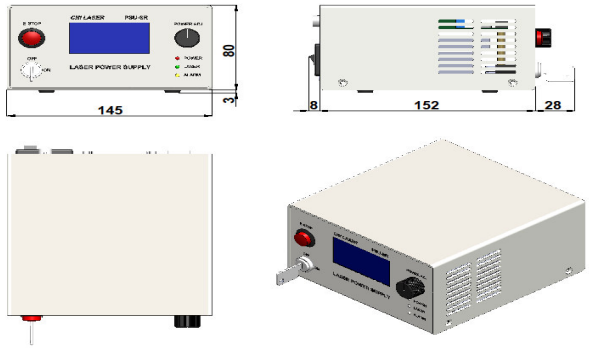
The all-solid-state laser is characterized by high output power stability, a good beam profile, ultra-compact design, long lifetime, low cost, and ease of operation. It is widely used in applications such as collimation, laser medical treatment, scientific experiments, and optical instruments, among others.

LASER HEAD	POWER SUPPLY (QDI-J-ARF)
	
197(L)×70(W)×50(H) mm^3, 1.5 kg	273.6 (L) ×145(W) ×106 (H) mm^3, 2.3 kg
POWER SUPPLY (QDI-J-GFS)	**POWER SUPPLY (QDI-DT)**
	
276.6(L) ×145(W) ×103.6(H) mm^3, 2.3 kg	188(L) ×145(W) ×83(H) mm^3, 1.2kg

Note：

Specifications subject to change without notice.

The laser head needs to be used on a heat sink with good heat dissipation.

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