



Your source for high quality, affordable lasers

DATA SHEET

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266nm UV laser is made features of ultra-compact, long lifetime, low cost and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.



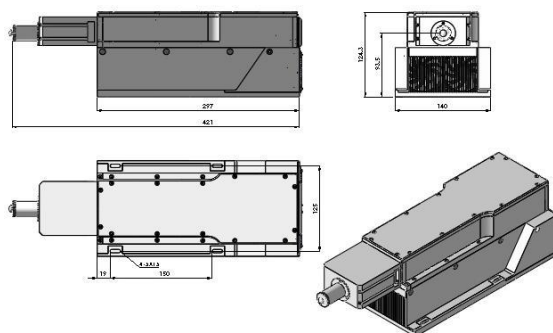
Model: MPL-W-266/5~30μJ/50~600mW

Wavelength (nm)		266 ± 1nm
Operating mode		Passively Q-switched
Average power (mW)		50~600
Single pulse energy (μJ)		5~30
Pulse duration (ns)		~5
Peak power (kW)		1~6
Rep. rate (kHz)	FIXED	Setting up one fixed rep. rate internal between 1kHz-4kHz with stable pulse energy, pulse duration and pulse period.
	EXT TRIG	1kHz-4kHz by external trigger with stable pulse energy, pulse duration and pulse period.
	QCW	QCW state with one rep. rate between 10kHz-20kHz.
Ave power stability		<3%, <5%
Transverse mode		Near TEM ₀₀
Average power (mW)		Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Beam divergence, full angle (mrad)		<2.0
Beam diameter at the aperture (1/e ² , mm)		~2.0
Warm-up time (minutes)		<10
Beam height from base plate (mm)		93.5
Operating temperature (°C)		10~35
Power supply		PSU-W-LED PSU-W-FDA
Expected lifetime (hours)		8,000
Warranty period		1 year
Remarks		Please Note: because of the Walk-off effect of Nonlinear crystals, the beam quality of UV laser is not so good as that of 1064/532nm laser.

Laser Head: MxL-W-266

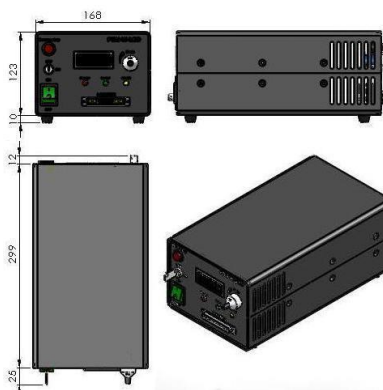


Laser Head Dimensions



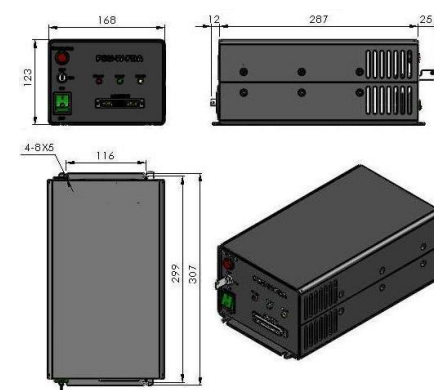
421(L)×140(W)×124.3(H) mm³, 6.0 kg

PSU-W-LED



336(L)×168(W)×133(H) mm³, 4.6 kg

PSU-W-FDA



307(L)×168(W)×123(H) mm³, 4.5 kg