

MPL-N-515/1~30uJ /1~60mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

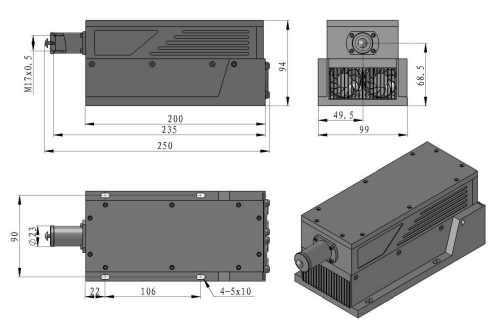
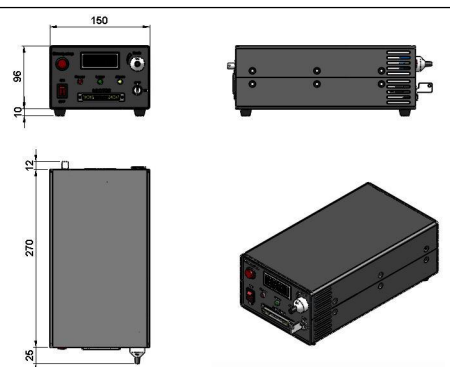
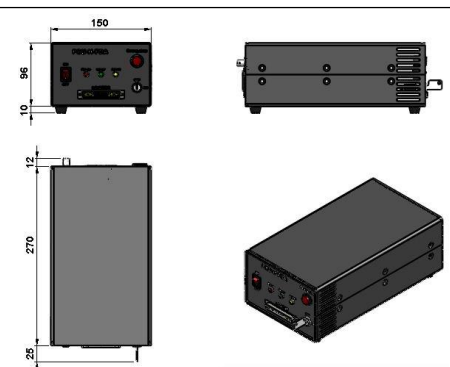
All solid state 515 nm green laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific experiment, laser fluorescence, etc.



SPECIFICATIONS

Central wavelength (nm)	515 ± 1
Output average power (mW)	1~60
Transverse mode	Near TEM ₀₀
Operating mode	Frequency conversion of Q-switched pulsed laser
Single pulse energy (μJ)	1~30
Pulse duration (ns)	~10
Peak power (W)	3000
Rep. rate (kHz)	QCW
Average power (mW)	QCW state with one rep. rate between 1kHz-2kHz.
Ave Power stability (rms, over 4 hours)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
M ² factor	<2.0
Beam diameter at the aperture 1/e ² (mm)	<3.0
Beam divergence, full angle (mrad)	<2.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	70
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/ PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MPL-N-515	PSU-H-LED	PSU-H-FDA
 <p>250(L)×99(W)×94(H) mm³, 2.6 kg</p>	 <p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p>	 <p>307(L) ×150(W) ×106(H) mm³, 2.9 kg</p>