

MPL-W-786/1~20μ

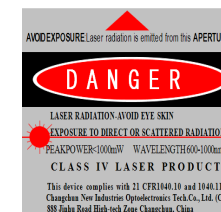
LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

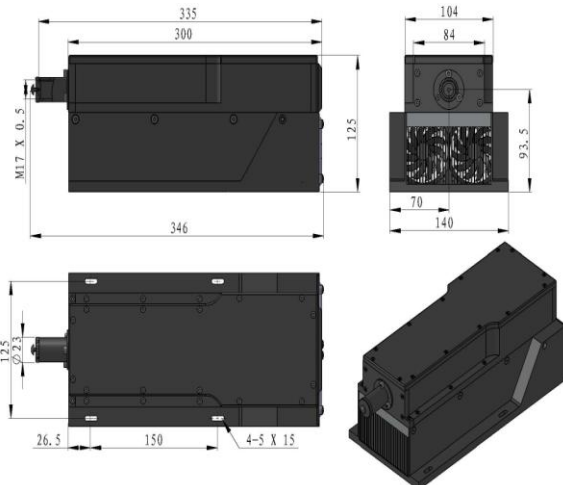
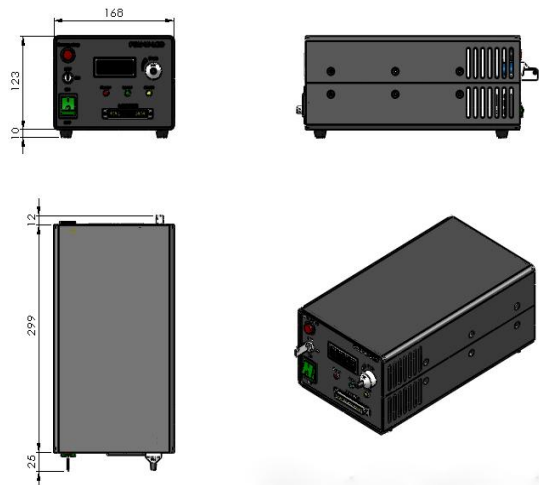
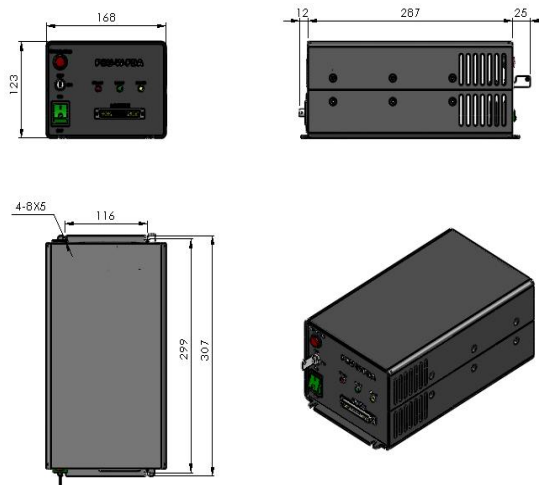
All solid state Q-switched at 786nm laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	786±1
Operating mode	Q-switched pulsed laser
Single pulse energy (μJ)	>1, 2, ..., 20
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM ₀₀
Pulse duration (ns)	~ 7
Peak power (kW)	0.15~2.8
Beam divergence, full angle (mrad)	< 2
Beam diameter at the aperture (1/e ² ,mm)	~2.5
Beam height from base plate (mm)	93.5
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-W-LED/PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MPL-W-786	PSU-W-LED	PSU-W-FDA
 <p>346(L)×140(W)×125(H) mm³, 5.7 kg</p>	 <p>336 (L) ×168(W) ×133(H) mm³, 4.6 kg</p>	 <p>307 (L) ×168(W) ×123(H) mm³, 4.5 kg</p>