



Lasertack New Laser Generation

MPL-W-786/1~20μJ




SPECIFICATIONS

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.

Wavelength (nm)	786±1
Operating mode	Q-switched pulsed laser
Single pulse energy (μJ)	>1,2,...,20
Pulse duration (ns)	~ 7
Peak power (kW)	0.15~2.8
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM ₀₀
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	< 2
Beam diameter at the aperture (mm)	~2.5
Beam height from base plate (mm)	93.5
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
 333(L)×140(W)×125(H) mm ³ , 6.1 kg	 300 (L) ×162(W) ×134(H) mm ³ , 5.2 kg	 307 (L) ×168(W) ×123(H) mm ³ , 5.1 kg
