



Lasertack New Laser Generation

HPL-589-Q/25W

SPECIFICATIONS

WATER COOLING LD PUMPED ALL-SOLID-STATE Q-SWITCHED YELLOW LASER at 589nm

All solid state AOM Q-switched laser at 589nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in measurement, research, City view, Defense, and so on.



Wavelength (nm)	589 ± 1
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Average power (W)	25 (nonadjustable)
Rep. rate (kHz)	5 or 15 (optional)
Pulse duration (ns)	100~150
Single pulse energy (mJ)	5@5KHz, 1.6@15KHz
Peak power (kW)	>30@5KHz, >10@15KHz
Ave power stability (over 4 hours)	<3% or 5%
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (mm)	~18
Warm-up time (minutes)	<15
Beam height from base plate (mm)	90
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220V AC)	PSU-HPL-589
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-589-Q	PSU-HPL-589	Water Chiller
<p>556(L) × 405.5(W) × 150(H) mm³, 33kg</p>	<p>550(L) × 610(W) × 890(H) mm³, 84kg</p>	<p>505 (L) × 625(W) × 975(H) mm³, 95kg</p>