

MGL-H-532/400~2000mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.

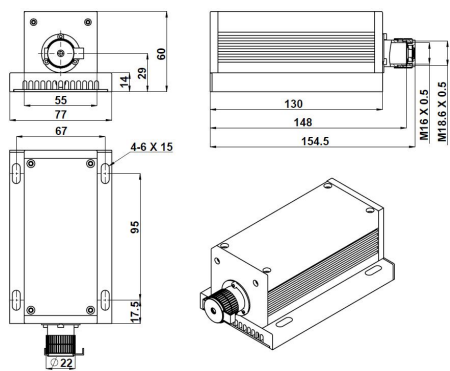


SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (mW)	>400, 500, 600, ..., 1500	>1500, 1600, 1700, ..., 2000
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀	
Warm-up time (minutes)	<10	
M ² factor	<2.0	<3.0
Beam divergence, full angle (mrad)	<2.0	<1.0
Beam diameter at the aperture (mm)	~3.0	~4.0
Beam height from base plate (mm)	29	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	

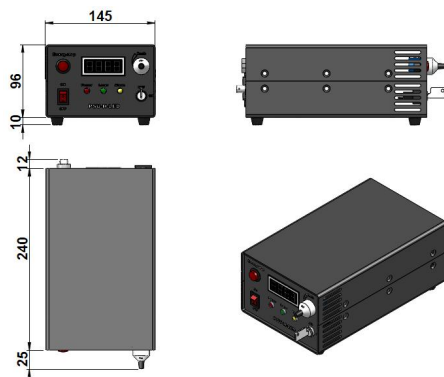


MGL-H-532



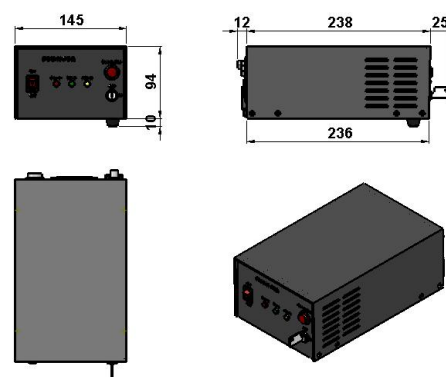
154.5(L)×77(W)×60(H) mm³, 0.9 kg

PSU-H-LED



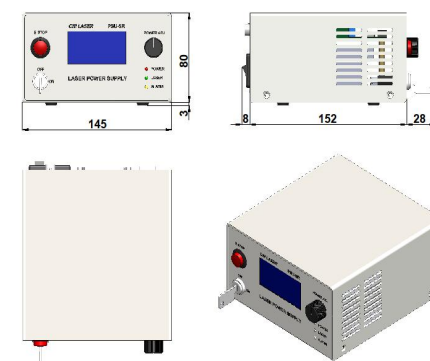
277 (L) ×145(W) ×106 (H) mm³, 2.6 kg

PSU-H-FDA



236(L) ×145(W) ×104(H) mm³, 2.3 kg

PSU-SR



188(L) ×145(W) ×83(H) mm³, 2kg