PDF DATA SHEET

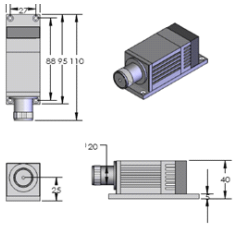
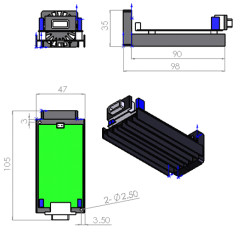
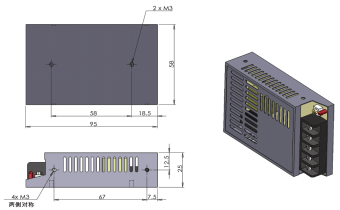
EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MGL-I-FS-532/500mW

LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of high output power stability, good beam profile, 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
Output power (mW)	500
Transverse mode	Near TEM_{00}
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<5
M^2 factor	<3
Beam divergence, full angle (mrad)	<2
Beam diameter at $1/e^2$ (mm)	~2
Beam height from base plate (mm)	25
Polarization ratio	>100:1 (0 or 90 degree)
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (℃)	10~35
Power supply (90-264VAC or 5VDC)	PSU-V-OEM-A
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year

MxL-I-FS-532	PSU-V-OEM-A (1-500mW) 5VDC	Adapter
110L)×36(W) ×40(H) mm^3, 0.6kg	105 (L) ×47(W) ×35(H) mm^3, 0. 1 kg	DC：5V 5A