**Opto Engine LLC** 

## MIL-H-1342/1500~2000mW



## LD PUMPED ALL-SOLID-STATE **INFRARED LASER AT 1342nm**

All solid state infrared laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.

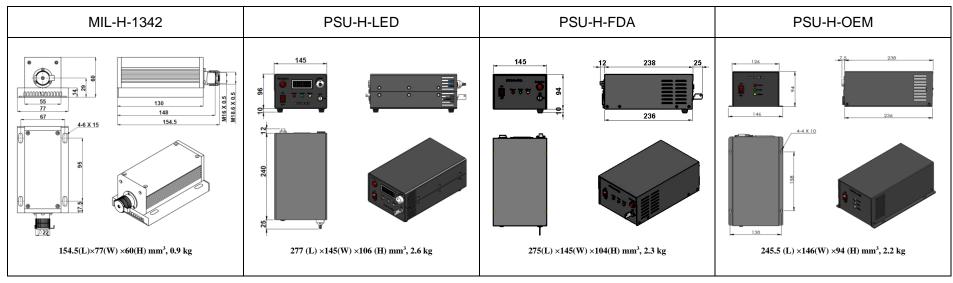


## **SPECIFICATIONS**

Wavelength (nm)	$1342 \pm 1$	
Output power (mW)	>1500, 1600, 1700, , 2000	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	Suble
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<2.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~3.0	AVOID EXPOSURE Laser radiation is emitted from this
Beam height from base plate (mm)	29	
Polarization ratio	>100:1	DANGER
Pointing stability after warm-up (mrad)	<0.05	LASER RADIATION - AVOID EVE OR SKIN ENPORURE TO DIRECT OR SCATTERED RADIA
Operating temperature (°C)	10~35	CLASS IV LASER PROD
Power supply (90-264VAC)	PSU-H-LED /PSU-H-FDA/PSU-H-OEM	This device complies with 21 CFR1040.10 a
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	Changchun New Industries Optoelectronics Tech. C 888 JinHu Road High-tech Zone Change
Expected lifetime (hours)	10000	]
Warranty period	1 year	







**Opto Engine LLC** 7397 Balboa Dr. Midvale, Utah 84047 USA Tel: (801) 553-2253 Email: info@OptoEngine.com Website: www.OptoEngine.com

## **Data sheet**

Rev. 2102