



OEM-HD-637/640/642/1400-2000mW



**OEM RED DIODE LASER
AT 637/640/642nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Central wavelength (nm)	637 ±5/ 640 ±5/ 642 ±5
Operating mode	CW
Output power (mW)	>1400, 1500, ..., 2000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (1/e ² , mm)	~3.5×4
Beam divergence, full angle (mrad)	<1.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (°C)	25+/-3
Driver (24VDC 4.5A)	PSU-6R-OEM/ PSU-6R-OEM-H
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-HD-637/640/642	PSU-6R-OEM	PSU-6R-OEM-H	Accessory (Power supply 100-240VAC)
<p>150(L)×114(W) ×60(H) mm³, 3.0kg</p>	<p>110(L)×62(W) ×31(H) mm³, 0.2kg</p>	<p>108(L)×83(W) ×66(H) mm³, 0.5kg</p>	<p>159(L)×98(W) ×38(H) mm³, 0.6kg</p>