



MDL-HD-637/640/642-OEM/1300-2000mW



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)	>1300, 1400, ..., 2000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (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



MDL-HD-637/640/642-OEM	PSU-6R-OEM	PSU-6R-OEM-H	Accessory (Power supply 100-240VAC)
<p>150(L)×114(W)×60(H) mm<sup>3</sup>, 3.0kg</p>	<p>110(L)×62(W)×31(H) mm<sup>3</sup>, 0.2kg</p>	<p>108(L)×83(W)×66(H) mm<sup>3</sup>, 0.5kg</p>	<p>159(L)×98(W)×38(H) mm<sup>3</sup>, 0.6kg</p>