



OEM-SD-637 /200-500mW

**RED DIODE LASER
At 637nm**

Diode red laser at 637nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.









SPECIFICATIONS

Wavelength (nm)	637 ± 5		
Output power (mW)	>200.....350	>350.....500	
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Beam divergence, half angle (mrad)	<0.5		
Beam diameter at the aperture (mm)	2.8×2.3 (1/e ²)	2.5×1.2 (FWHM)	3.5×1.8 (1/e ²) 3.0×1.0 (FWHM)
Polarization direction	Horizontal+Vertical		Horizontal/Vertical
Beam height from base plate (mm)	28.5/68.2		
Operating temperature (°C)	25+/-3 (without heat sink)		10~35 (with heat sink)
Power supply (90-264VAC or 5VDC)	PSU-III-LED/ PSU-III-FDA/PSU-D-OEM		
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty	1 year		



Note: Heat sink is needed for this red diode laser module, it is available up on request.

OEM-SD-637	SD-637-HS	PSU-III-LED	PSU-III-FDA	PSU-D-OEM	Accessories
 <p>107 (L) ×77(W) ×46 (H) mm³, 0.5kg Without heat sink</p>	 <p>130 (L) ×99(W) ×85.7 (H) mm³, 1.5kg With heat sink</p>	 <p>154 (L) ×155(W) ×95 (H) mm³, 1.5kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	 <p>86(L)×47(W) ×52(H) mm³, 0.10 kg</p>	 <p>100-240VAC Adapter</p>
