



**OEM-SD-635 /600-1000mW**

**RED DIODE LASER  
At 635nm**

Diode red laser at 635nm 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)	635±5	
Operating mode	CW	
Output power (mW)	>600, 700, ..., 1000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	5.0×3.8	
Beam divergence, full angle (mrad)	<1.6×0.2	
Polarization direction	Horizontal+ Vertical	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	28.5 (OEM-SD-635)	68.2 (SD-635-HS)
Operating temperature (°C)	25+/-3 (OEM-SD-635)	10~35 (SD-635-HS)
Power supply (100-240VAC or 8VDC&7A)	PSU-SD-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-SD-635	SD-635-HS	PSU-SD-OEM	Adapter
<p style="text-align: center;"><b>107(L)×77(W) ×49(H) mm<sup>3</sup>, 1kg</b></p>	<p style="text-align: center;"><b>134(L)×99(W) ×88.7(H) mm<sup>3</sup>, 1.6kg</b></p>	<p style="text-align: center;"><b>90.5(L)×47(W) ×56(H) mm<sup>3</sup>, 0.3kg</b></p>	<p style="text-align: center;"><b>120(L)×60(W) ×37(H) mm<sup>3</sup>, 0.2kg</b></p>