

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



**OEM RED DIODE LASER  
AT 635nm**

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)	635±5
Operating mode	CW
Output power (mW)	>600, 700, ..., 1000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	5.0×3.8
Beam divergence, full angle (mrad)	<1.6×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	28.5
Operating temperature (°C)	25+/-3
Driver (8VDC 7A)	PSU-SD-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-SD-635	PSU-SD-OEM	Accessory (Power supply 100-240VAC)
<p style="text-align: center;">107(L)×77(W)×51(H) mm<sup>3</sup>, 1.0kg</p>	<p style="text-align: center;">90.5 (L) ×47(W) ×56(H) mm<sup>3</sup>, 0.3kg</p>	<p style="text-align: center;">120 (L) ×60(W) ×37(H) mm<sup>3</sup>, 0.3kg</p>