



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	
Output power (mW)	>600, 700, ..., 1000	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, half angle (mrad)	<0.8×0.1	
Beam diameter at the aperture (mm)	5.0×3.8(1/e ²)	3.8×2.9 (FWHM)
Polarization direction	Horizontal+ Vertical	
Beam height from base plate (mm)	28.5 (without heat sink)	68.2 (with heat sink)
Operating temperature (°C)	25+/-3 (without heat sink)	10~35 (with heat sink)
Power supply (100-240VAC or 8VDC)	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-635	SD-635-HS	PSU-III-LED	PSU-III-FDA	PSU-D-OEM	Adapter
 107 (L) ×77(W) ×46 (H) mm ³ , 0.5kg Without heat sink	 134 (L) ×99(W) ×85.7 (H) mm ³ , 1.5kg With heat sink	 154 (L) ×155(W) ×95 (H) mm ³ , 1.5kg	 133 (L) ×130(W) ×65 (H) mm ³ , 1.2kg	 86(L)×47(W) ×52(H) mm ³ , 0.10 kg	 100-240VAC
