

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

### RED DIODE LASER At 635nm





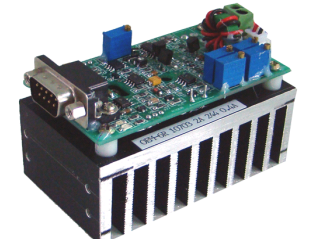

Diode red laser at 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



### 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 <sup>2</sup> )/ 3.8×2.9 (FWHM)	
Polarization direction	Horizontal+ Vertical	
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)	PSU-III-LED/ PSU-III-FDA/PSU-SD-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty time	1 year	



OEM-SD-635	SD-635-HS	PSU-III-LED	PSU-III-FDA	PSU-SD-OEM	Adapter
					
<b>107(L)×77(W)×49(H) mm<sup>3</sup>, 0.8kg</b>	<b>134(L)×99(W)×88.7(H) mm<sup>3</sup>, 1.6kg</b>	<b>188 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</b>	<b>171 (L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</b>	<b>86(L)×47(W) ×53(H) mm<sup>3</sup>, 0.30 kg</b>	<b>120(L)×60(W) ×37(H) mm<sup>3</sup></b>
