

# OPTICAL LIGHT SOURCE, OLS SERIES

## DESCRIPTION

OLS Series Optical Laser Light Source is a self-developed instrument, which features advanced control technology, high output, ultra-low-power operation.

It can work at 1625nm, 1550nm, 1490nm, 1310nm, 1300nm, 850nm, 650nm, single wavelength, dual-wavelength or tri -wavelength. It can export a variety of modulation frequency (CW, 270HZ, 1KHZ, 2KHZ). It is widely used in optical communication, optical measurement, optical fiber sensing, and so on.

## FEATURES

- Good stability in output power
- Optional auto-shutdown
- Large LCD display and backlight
- Battery power display

## APPLICATIONS

- Good stability in output power
- Optional auto-shutdown
- Large LCD display and backlight
- Battery power display



Category			
Model		OLS-8530-7	OLS-1315-7
Output Wavelength (nm)		650/850/1300/1310/1490/1550/1625 (1-3 wave)	
Emitter Type		FP-LD	
Output Stability (dB)	Short Term (15 min.)	±0.04@20°C	
Output Frequency (Hz)		CW, 2Hz@650nm CW, 270Hz, 1KHz, 2KHz@others	
Output Power (dBm)		≥ 3m w @ 650nm; ≥ -7dBm @ 850/1300nm ≥ -7/0dBm @ 1310/1490/1550/1625nm	
Power supply		AAA 1.5V(3pcs batteries)	
Operating Temperature (°C)		-10 ~ +50	
Storage Temperature (°C)		-20 ~ +70	
Optical Connector		FC (SC/ST can be optional)	
Fiber Type		SM, MM	
Working Time (H)		40hours	
Dimension (mm)		125 x 65 x 29mm	
Net Weight (g)		160	

## STANDARD ACCESSORIES

2 x AA NiHM rechargeable battery, Soft Case, User Manual and SC/PC and FC/PC Connector.

## ORDERING INFORMATION

Part Number	Descriptions
OLS-1315-7	Optical Light Source, SM, 1310/1550nm, -5dBm±0.5dB, SC/PC
OLS-8530-7	Optical Light Source, SM, 850/1300nm, -5dBm±0.5dB, SC/PC

Note : Specifications are subject to change without notice