

## Key Features

- Wide spectral range
- High output power
- Good spectral stability
- Highly reliable and durable

2U Half-Rack Casing



1310nm - CW

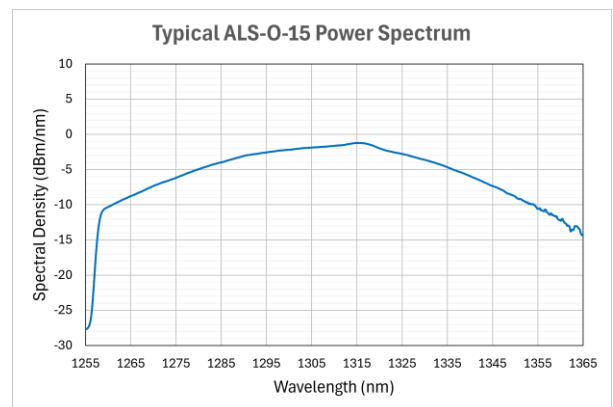
## Description

Amonics' O-Band ASE broadband light source delivers high output power and a wide spectral range. Engineered with an impressive output power up to 15dBm, it is the premier choice for high-throughput silicon photonics production testing and multi-channel fiber sensing interrogation. Maximize your test efficiency and measurement precision.

Available in compact 2U half-rack or standard 2U rackmount housing, it offers flexible deployment while maintaining efficiency and stability for demanding broadband light source requirements.

## Application

- Silicon photonics component testing
- CPO testing
- Optical tomography
- DWDM component characterization
- Fiber Optic Sensing



ISO 9001 : 2015  
Certificate No.: CC 5346

Our product is manufactured under a HKQAA  
ISO 9001 certified quality management system.  
The ISO 9001:2015 certification applies to the  
Hong Kong production site only.

## Specifications

| Model                 | ALS-O-15                       |
|-----------------------|--------------------------------|
| Output Power          | Min. 15 dBm @ 1310 nm          |
| Min. Spectral Density | -15 dBm/nm                     |
| Spectral Range        | 1260 nm to 1360 nm             |
| Output Stability      | Max. $\pm$ 0.05 dB (over 1 hr) |
| Output Isolation      | Min. 40 dB @ 1310 nm           |

## General Parameters

|                           | Value                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------|
| Operation Temperature     | 0 to 40 °C                                                                            |
| Storage Temperature       | -10 to 70 °C                                                                          |
| Power Supply              | 90 – 240 VAC, 47 – 63 Hz                                                              |
| Dimensions                | 2U Rackmount: 485(W) x 360(D) x 90(H) mm;<br>2U Half-Rack: 200(W) x 376(D) x 90(H) mm |
| Protection                | Pump Power Protection                                                                 |
| Optical Power Monitoring  | Output power                                                                          |
| Mechanical Safety Control | Key-lock switch, BNC interlock key                                                    |
| Remote Control Port       | DB-9 female (RS232), Control software included, RJ-45 (TCP/IP Ethernet) (optional)    |
| Optical Connector         | FC/APC, FC/UPC, SC/APC, SC/UPC                                                        |
| Optical Fiber             | SMF-28                                                                                |

## Ordering Information

|              |               |                                                                                                                                            |
|--------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | ALS-O-aa-b-cc | aa : Output power in dBm<br>b : H for 2U Half-Rack, R for 19" Rackmount<br>cc : FA for FC/APC, FC for FC/UPC, SA for SC/APC, SC for SC/UPC |
|--------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------|

Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.

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