

# Safety and Regulatory Information

SG Series xPON ONU

SG04/SG04E



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## Safety Precautions

### English

Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- This device can be used indoors and outdoors.
- For wall mounting, the device is only suitable for mounting at heights  $\leq 2\text{m}$ .
- For desktop mounting, the device must be horizontally mounted for safe use.
- This device should be installed by trained and qualified personnel in compliance with local and national electrical regulations.
- During installation, do not wear conductive items (such as a watch, or hand chain).
- During installation, the device should remain powered off.
- Clean only with dry cloth.
- Keep the operating environment clean. Remove dust from the device regularly. Cut power before cleaning.
- Do not block any ventilation openings.
- Do not remove the cover of the optical fiber before connecting the optical fiber to avoid contamination.
- Do not bend the optical fiber at will. The optical fiber must be bent strictly in accordance with the optical cable construction requirements to ensure normal transmission of optical signals.
- Do not use the power adapter if its plug or cord is damaged.
- Do not place heavy objects on top of the device.
- Please use the included power adapter.
- The mains plug is used as the disconnect device and shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Ensure proper grounding before device operation. Refer to the **Lightning Protection Guide** on the official website for guidance.

- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
- Unplug this device and disconnect all cables when the device is unused for long periods.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.
- Refer all servicing to qualified service personnel.
- Disconnect the power source during servicing.
- The device's marking information can be found on its surface.
- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end user.
- End users are responsible for complying with local laws and regulations.



**Caution, laser**

Never look at the transmit laser while the power is on. DO NOT look directly at the PON port and the optical fiber cable ends when they are powered on, to prevent any harm to your eyes.

## **中文**

### **安全信息**

在使用和操作本设备前，请阅读并遵守以下注意事项，以确保设备性能稳定，并避免出现危险或非法情况。

- 本设备可在室内安全使用。若设备要在室外使用，请做好设备防水、防晒的防护。
- 连接光纤前，请勿取下法兰盘帽，以免污染。
- 请勿随意弯折光纤，需严格按照光缆施工要求弯曲光纤，以保证光信号正常传输。
- 请使用包装配套的电源适配器给本设备供电。
- 电源插头作为断开电源的装置。
- 电源插座应安装在设备附近并易于触及。

- 设备接入互联网可能面临网络安全问题，请加强个人信息安全的保护。
- 安装过程中，本设备应保持断电状态。
- 请勿将设备堆叠安装。
- 请勿在本设备上放置其他重物。
- 确保本设备散热孔通风良好。
- 保持本设备使用环境空气清洁。本设备需要定期除尘，清洁本设备前，请切断电源。请勿使用任何液体擦洗本设备。
- 在居住环境中，运行本设备可能会造成无线电干扰。
- 确保设备远离水、火、强电场、强磁场、易燃易爆物品。
- 长期不用时，请拔下本设备电源及所有线缆。
- 若电源插头或电源线已损坏，请勿继续使用。
- 若设备出现冒烟、异响、有异味等异常现象，请立刻停止使用并断开电源，拔出连接在设备上的所有线缆，并联系售后。
- 本设备应正确进行防雷安装，具体请参考《防雷安装手册》。
- 请勿擅自拆卸或改装本设备及配件，否则该设备及配件将不予保修，也可能发生危险。
- 请务必按照当地的法律法规处理本设备及其配件，不可将它们作为生活垃圾处理。
- 终端用户有责任遵守当地的法律法规，包括符合电源要求、布线要求等。
- 若本指南内容与适用的法律冲突，则以法律规定为准。



本产品为激光类产品，通电后，请勿用肉眼直视光接口与光纤接头，否则会严重损伤您的眼睛！

# Operating/Storage Environment

## English

| Item   | Operating environment    |                                | Storage environment      |                               |
|--------|--------------------------|--------------------------------|--------------------------|-------------------------------|
|        | Temperature              | Humidity                       | Temperature              | Humidity                      |
| Device | -20°C-55°C (-4°F -131°F) | (10% - 95%) RH, non-condensing | -40°C-70°C (-40°F-158°F) | (5% - 90%) RH, non-condensing |

## 中文

| 条目 | 工作环境       |                     | 存储环境       |                    |
|----|------------|---------------------|------------|--------------------|
|    | 温度         | 湿度                  | 温度         | 湿度                 |
| 设备 | -20°C-55°C | (10% - 95%) RH, 无凝结 | -40°C-70°C | (5% - 90%) RH, 无凝结 |



## CE Mark Warning

This is a Class A product.

Warning: Operation of this equipment in a residential environment could cause radio interference. In which case the user may be required to take adequate measures.

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

### Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the device (ONU) is in compliance with Directives 2014/35/EU and 2014/30/EU.

The full text of the EU Declaration of Conformity is available at the following internet address: <https://www.tendacn.com/download/list-9.html>

## Power Adapter Information

### SG04



**Caution:**

Adapter Model: BN073-A12012E, BN073-A12012B

Input: 100 - 240V AC, 50/60Hz, 0.4A

Output: 12V DC, 1A

Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.



: DC Voltage

## SG04E



### Caution:

Adapter Model: TW064-53AT01

Input: 100 - 240V AC, 50/60Hz, 1.5A

Output: 53V DC, 1.2A

Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.



: DC Voltage



## RECYCLING

This product bears the selective sorting symbol for Waste Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.



## 电子信息产品有毒有害物质申明

| 电子信息产品有毒有害物质申明                      |           |           |           |                 |               |                 |
|-------------------------------------|-----------|-----------|-----------|-----------------|---------------|-----------------|
| 部件名称                                | 有毒有害物质或元素 |           |           |                 |               |                 |
|                                     | 铅<br>(Pb) | 汞<br>(Hg) | 镉<br>(Cd) | 六价铬<br>(Cr(VI)) | 多溴联苯<br>(PBB) | 多溴二苯醚<br>(PBDE) |
| 结构件、附件                              | ○         | ○         | ○         | ○               | ○             | ○               |
| 单板/电路模块                             | ×         | ○         | ○         | ○               | ○             | ○               |
| 电源适配器<br>(如果有)                      | ×         | ○         | ○         | ○               | ○             | ○               |
| 线缆、光学件、<br>机电件、干燥<br>剂、电池 (如果<br>有) | ○         | ○         | ○         | ○               | ○             | ○               |

本表格依据 SJ/T 11364 的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。但因全球技术发展水平限制，目前业界没有成熟的替代方案。



此环保使用期限只适用于产品在使用说明中所规定的条件下工作。

## Technical Support

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## 技术支持

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