

SUN2000-(3KTL-10KTL)-M1 and SUN2000-10KTL-BEM1

# Regulatory Compliance Statement

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Huawei Digital Power Technologies Co., Ltd.

Address:	Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.
Website:	<a href="https://www.huawei.com/">https://www.huawei.com/</a>
Email:	<a href="mailto:support@huawei.com">support@huawei.com</a>

# About This Document

## Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 <b>DANGER</b>	Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
 <b>CAUTION</b>	Indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
 <b>NOTICE</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not related to personal injury.
 <b>NOTE</b>	Supplements the important information in the main text. NOTE is used to address information not related to personal injury, equipment damage, and environment deterioration.

## Change History

Issue	Date	Description
01	2025-6-16	This issue is the first official release.

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# 1 European Regulatory Compliance

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## 1.1 RED

In accordance with Article 10.2 in Directive 2014/53/EU (RED), this device can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.

### FREQUENCY BANDS AND MAXIMUM RF POWER

In accordance with Article 10.8 in Directive 2014/53/EU (RED),

- WLAN 2.4 GHz: < 20 dBm EIRP

### SOFTWARE

- Version: V100R001

### RF EXPOSURE (HEALTH)

This device complies with relevant RF radiation exposure limits set forth for a public/uncontrolled environment. This equipment should be installed and/or operated with a minimum distance as below between the radiator and your body:

- Council Recommendation 1999/519/EC: 0.2 meters
- Directive 2013/35/EU: 0.2 meters

## 1.2 EMC

### Electrostatic Discharge

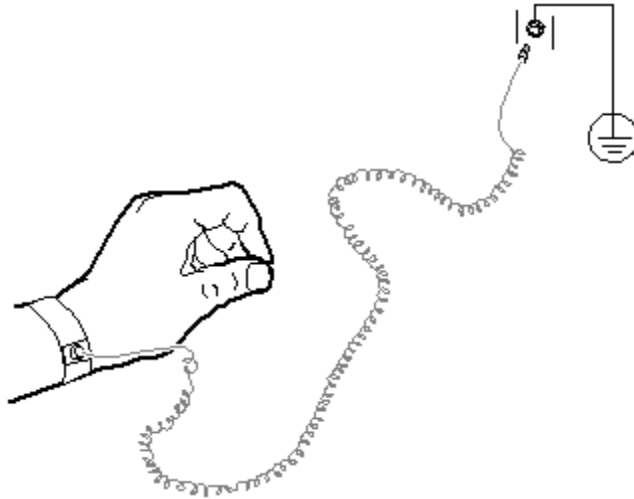


**ESD Protection**

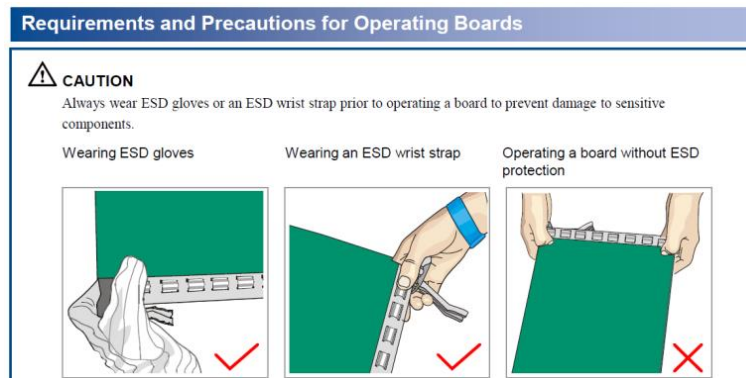
Always wear ESD gloves or an ESD wrist strap prior to contact with the equipment or before handling devices, boards, or IC chips to prevent damage to sensitive components due to electrostatic discharge from the human body. Ensure that the ESD wrist strap is properly grounded.

For information about how to wear an ESD wrist strap, see Figure below.

**Figure 1-1** Wearing an ESD wrist strap



**Figure 1-2** Requirements and precautions for operating boards



## Cables and Shielding

EMC performance is dependent upon the use of correct cables of good quality for all external connections when installing this equipment. Ensure compliance with cable/connector specifications and associated installation instructions given elsewhere in the product manual.

Where shielded cables are required and there are no specific requirements in the product manual then the following good practices shall be implemented:

- Multi-conductor cables should be of double-braided shielded type and have conductive connector bodies and backshells with cable clamps that are conductively bonded to the backshell and capable of making 360 degree connection to the cable shielding.

- Ethernet cables should be of the double-shielded type.
- Coaxial cables should be of the double-braided shielded type.
- The shielded cables should be grounded at both ends.

# 2 Great Britain Regulatory Compliance

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## 2.1 Radio Equipment Regulations 2017

In accordance with Regulation 8 in Radio Equipment Regulations 2017, this device can be operated in at least one Member State without causing an infringement of the applicable requirements on the use of the radio spectrum in the relevant Member State or Member States.

### FREQUENCY BANDS AND MAXIMUM RF POWER

In accordance with the relevant statutory requirements in UK,

- WLAN 2.4 GHz: < 20 dBm EIRP

### SOFTWARE

- Version: V100R001

### RF EXPOSURE (HEALTH)

This device complies with relevant RF radiation exposure limits set forth for a public/uncontrolled environment. This equipment should be installed and/or operated with a minimum distance as below between the radiator and your body:

- Council Recommendation 1999/519/EC: 0.2meters
- Directive 2013/35/EU: 0.2 meters

## 2.2 Electromagnetic Compatibility Regulations 2016

### Electrostatic Discharge

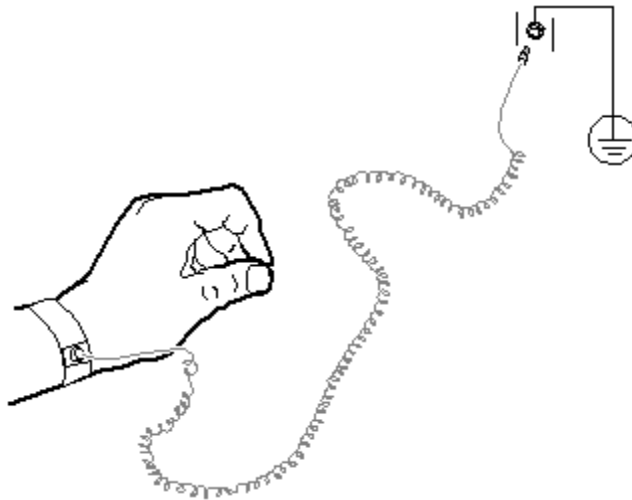
#### CAUTION

##### ESD Protection

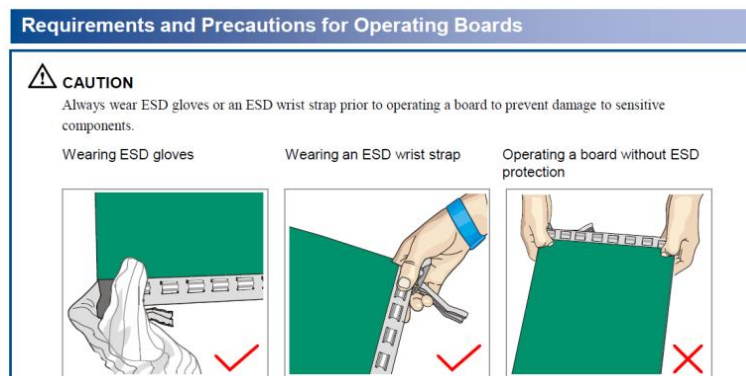
Always wear ESD gloves or an ESD wrist strap prior to contact with the equipment or before handling devices, boards, or IC chips to prevent damage to sensitive components due to electrostatic discharge from the human body. Ensure that the ESD wrist strap is properly grounded.

For information about how to wear an ESD wrist strap, see Figure below.

**Figure 2-1** Wearing an ESD wrist strap



**Figure 2-2** Requirements and precautions for operating boards



## Cables and Shielding

EMC performance is dependent upon the use of correct cables of good quality for all external connections when installing this equipment. Ensure compliance with cable/connector specifications and associated installation instructions given elsewhere in the product manual.

Where shielded cables are required and there are no specific requirements in the product manual then the following good practices shall be implemented:

- Multi-conductor cables should be of double-braided shielded type and have conductive connector bodies and backshells with cable clamps that are conductively bonded to the backshell and capable of making 360 degree connection to the cable shielding.
- Ethernet cables should be of the double-shielded type.
- Coaxial cables should be of the double-braided shielded type.
- The shielded cables should be grounded at both ends.

# 3 China Regulatory Compliance

## 3.1 China RoHS Hazardous Substance Table

SUN2000-3KTL-M1 SUN2000-4KTL-M1 SUN2000-5KTL-M1 SUN2000-6KTL-M1  
SUN2000-8KTL-M1 SUN2000-10KTL-M1 SUN2000-10KTL-BEM1 满足中国 RoHS 的要求:

SUN2000-3KTL-M1 SUN2000-4KTL-M1 SUN2000-5KTL-M1 SUN2000-6KTL-M1  
SUN2000-8KTL-M1 SUN2000-10KTL-M1 SUN2000-10KTL-BEM1 complies with RoHS requirements of China:

产品中有害物质的名称及含有的信息表					
有害物质	部件名称				
	印制电路板组件	电缆	金属部件	聚合物部件	电池
镉 Cd	○	○	○	○	○
铅 Pb	×	×	×	○	×
汞 Hg	○	○	○	○	○

六价铬 Cr(VI)	○	○	○	○	○
多溴联苯 PBB	○	○	○	○	○
多溴二苯醚 PBDE	○	○	○	○	○
邻苯二甲酸二正丁酯 DBP	○	○	○	○	○
邻苯二甲酸二异丁酯 DIBP	○	○	○	○	○
邻苯二甲酸丁苄酯 BBP	○	○	○	○	○
邻苯二甲酸二(2-乙基) 己酯 DEHP	○	○	○	○	○
<p><b>注1:</b> ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。</p> <p>×: 表示该有害物质至少在该部件的某一均质材料中含量超出电器电子产品有害物质限制使用国家标准要求。</p> <p><b>注2:</b> 以上未列出的部件, 表明其有害物质含量均不超过电器电子产品有害物质限制使用国家标准要求。</p>					

# 4 Other Markets

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For relevant compliance information/documentation for markets not mentioned above, please contact Huawei representative.