



# Declaration of Conformity

We **Huawei Technologies Co., Ltd.**  
**Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen, 518129, P.R.C**

declare that the product

**Name/Trademark** : SUN2000-40KTL-M3/HUAWEI

**Model/Software** : V100R001

**Name/Trademark** : SUN2000-36KTL-M3/HUAWEI

**Model/Software** : V100R001

**Name/Trademark** : SUN2000-30KTL-M3/HUAWEI

**Model/Software** : V100R001

complies with the following cyber security requirements in accordance with the standards:

- **ETSI TS 103 701 V1.1.1 (2021-08)**

For the evaluation of the compliance with ETSI EN 303 645, the following standards have been applied

- **ETSI TS 103 701 V1.1.1 (2021-08)**

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of: Huawei Technologies Co., Ltd.

Print name/Title : \_\_\_\_\_ Shilingfei, zengyuzhu

史凌飞 曾雨竹

Shenzhen, China (Place)      Apr 22, 2024 (Date)      \_\_\_\_\_ (Signature)

## Annex Implementation of provisions for consumer IoT security

Reference	Status	Support	Detail
<b>4 Reporting implementation</b>			
Provision 4-1	M	Y	所有 NA/N 测试项都有说明
<b>5.1 No universal default passwords</b>			
Provision 5.1-1	M C (1)	Y	
Provision 5.1-2	M C (2)	Y	
Provision 5.1-3	M C (8)	Y	
Provision 5.1-4	M C (8)	Y	
Provision 5.1-5	M C (5)	Y	
<b>5.2 Implement a means to manage reports of vulnerabilities</b>			
Provision 5.2-1	M	Y	
Provision 5.2-2	R	Y	
Provision 5.2-3	R	Y	
<b>5.3 Keep software updated</b>			
Provision 5.3-1	R	Y	
Provision 5.3-2	M C (5)	Y	
Provision 5.3-3	M C (12)	Y	
Provision 5.3-4	R C (12)	N	自动升级机制默认不开启
Provision 5.3-5	R C (12)	N	由 FusionSolar 智能光伏管理系统和 APP 检查更新
Provision 5.3-6	R C (9, 12)	N	用户无法配置, 但是自动升级需要安装商通过邮件或电话获取用户授权
Provision 5.3-7	M C (12)	Y	
Provision 5.3-8	M C (12)	Y	
Provision 5.3-9	R C (12)	Y	
Provision 5.3-10	M C (11, 12)	Y	
Provision 5.3-11	R C (12)	N	在通知界面没有呈现更新的问题或漏洞。但是在 Support 网站版本文档中有版本更新说明和漏洞修补列表
Provision 5.3-12	R C (12)	N/A	软件升级不涉及发电业务中断
Provision 5.3-13	M	Y	
Provision 5.3-14	R C (3, 4)	N/A	设备可以升级, 不涉及
Provision 5.3-15	R C (3, 4)	Y	
Provision 5.3-16	M	Y	
<b>5.4 Securely store sensitive security parameters</b>			
Provision 5.4-1	M C (14)	Y	
Provision 5.4-2	M C (10)	Y	
Provision 5.4-3	M	Y	
Provision 5.4-4	M C (15)	Y	
<b>5.5 Communicate securely</b>			
Provision 5.5-1	M	Y	
Provision 5.5-2	R	Y	

Reference	Status	Support	Detail
Provision 5.5-3	R	N	密码算法及原语不支持更新
Provision 5.5-4	R C (16)	Y	
Provision 5.5-5	M C (17)	Y	
Provision 5.5-6	R C (18)	Y	
Provision 5.5-7	M C (19)	Y	
Provision 5.5-8	M C (20)	Y	
<b>5.6 Minimize exposed attack surfaces</b>			
Provision 5.6-1	M	Y	
Provision 5.6-2	M	Y	
Provision 5.6-3	R	Y	
Provision 5.6-4	M C (13)	Y	
Provision 5.6-5	R	Y	
Provision 5.6-6	R	Y	
Provision 5.6-7	R	N/A	操作系统为 LiteOS, 单用户
Provision 5.6-8	R	Y	
Provision 5.6-9	R	Y	
<b>5.7 Ensure software integrity</b>			
Provision 5.7-1	R	Y	
Provision 5.7-2	R	N	启动校验失败直接重启, 不会有相应的通知, 系统未启动, 无法通知
<b>5.8 Ensure that personal data is secure</b>			
Provision 5.8-1	R C (21)	N/A	工商业逆变器不涉及个人数据
Provision 5.8-2	M C (22)	N/A	工商业逆变器不涉及个人数据
Provision 5.8-3	M C (23)	N/A	工商业逆变器不涉及个人数据
<b>5.9 Make systems resilient to outages</b>			
Provision 5.9-1	R	Y	
Provision 5.9-2	R	Y	
Provision 5.9-3	R	Y	
<b>5.10 Examine system telemetry data</b>			
Provision 5.10-1	R C (6)	Y	
<b>5.11 Make it easy for users to delete user data</b>			
Provision 5.11-1	M C (24)	Y	
Provision 5.11-2	R C (25)	Y	
Provision 5.11-3	R C (26)	Y	
Provision 5.11-4	R C (26)	Y	
<b>5.12 Make installation and maintenance of devices easy</b>			
Provision 5.12-1	R	Y	
Provision 5.12-2	R	Y	
Provision 5.12-3	R	Y	
<b>5.13 Validate input data</b>			

Reference	Status	Support	Detail
Provision 5.13-1	M C (27)	Y	
<b>6 Data protection provisions for consumer IoT</b>			
Provision 6.1	M C (28)	Y	
Provision 6.2	M C (7)	Y	
Provision 6.3	M C (7)	Y	
Provision 6.4	R C (6)	Y	
Provision 6.5	M C (6)	Y	

Reference	Status	Support	Detail
<p>Supplement information:</p> <p>M: Mandatory requirement  R: Recommendation  M C: Mandatory requirement and conditional  R C: Recommendation and conditional  Y: Supported by the implementation  N: Not supported by the implementation  N/A: The provision is not applicable</p> <p>The detail column can be filled in by the user of the present document:  If a provision is supported by the implementation, the entry in the detail column is to contain information on the measures that have been implemented to achieve support.  If a provision is not supported by the implementation, the entry in the detail column is to contain information on the reasons why implementation is not possible or not appropriate.  If a provision is not applicable, the entry in the detail column is to contain the rationale for this determination.</p> <p>Conditions:</p> <ol style="list-style-type: none"> <li>1) passwords are used;</li> <li>2) pre-installed unique per device passwords are used;</li> <li>3) software components are not updateable;</li> <li>4) the device is constrained;</li> <li>5) the device is not constrained;</li> <li>6) telemetry data being collected;</li> <li>7) personal data is processed on the basis of consumers' consent;</li> <li>8) the device allowing user authentication;</li> <li>9) the device supports automatic updates and/or update notifications;</li> <li>10) a hard-coded unique per device identity is used for security purposes;</li> <li>11) updates are delivered over a network interface;</li> <li>12) an update mechanism is implemented;</li> <li>13) a debug interface is physically accessible;</li> <li>14) sensitive security parameters are stored persistently;</li> <li>15) critical security parameters used for integrity and authenticity checks of software updates in device software or for protection of communication with associated services in device software exist;</li> <li>16) access to device functionality via a network interface in the initialized state is possible;</li> <li>17) device functionality that allows security-relevant changes in configuration via a network interface exists;</li> <li>18) critical security parameters are transmitted;</li> <li>19) critical security parameters are transmitted via remotely accessible network interfaces;</li> <li>20) critical security parameters relating to the device exist;</li> <li>21) personal data is transmitted between a device and a service;</li> <li>22) sensitive personal data is transmitted between a device and a service;</li> <li>23) external sensing capabilities exist;</li> <li>24) user data is stored on the device;</li> <li>25) personal data is stored on associated services;</li> <li>26) personal data is stored;</li> <li>27) data input via user interfaces</li> </ol>			