

The diagram illustrates the process of removing the back cover and battery cover from a smartphone. The top section shows the back cover being lifted off the phone. The bottom section shows the battery cover being lifted off the phone, revealing the battery. The text "F2" is in the top left corner, and "type-C" is in the bottom left corner.



**显示屏**

用于显示多媒体功能及价格信息等。



**后盖锁**

左右滑动智能电池盖开关功能。  
注意：电池盖须安装在设备上，否则将影响正常使用。



**电池**

打开电池盖，按照箭头指示方向取出电池盖。



**PSAM 卡、Micro SD 卡、Nano SIM 卡**

用于插入 PSAM 卡、Micro SD 卡及 Nano SIM 卡。



**电源键**

短按：点亮屏幕，锁屏屏幕。  
长按：关机状态下，长按 2~3 秒开机；  
使用状态下，长按 2~3 秒，可选择关机或重启；  
关机状态下，长按 10 秒，自动重启。



**前置 / 后置摄像头**

支持拍照及录像拍摄。



**扫码**

支持扫码及 1D/2D 码扫码。



**NFC 读卡器**

用于感应闪付卡。



**IC 读卡器**

用于插入银行芯片卡，支持双通银行卡。



**磁卡读卡器**

用于读取银行卡磁条信息。



**指示灯**

用于充电、信息、扫描等灯光提示。

**VOL+ VOL-**

**音量键（选配）**

调节音量大小。



**Type-C**

支持 OTG 和充电



**扫码键**

指纹识别扫码功能。

○○○○

**Pogo Pin**

用于连接相关配件。

**手带（选配）**

使用更便捷。

<p><b>安全警告</b></p> <p>请务必将电脑插头插入与配件电源适配器上标识输入相对应的交流电压规格。</p> <p>为此类情况下，在发生任何故障时，本产品可能造成火灾或触电事故。</p> <p>在这种情况下，可能需将用户手册予以认真阅读并予以遵循。</p> <p>不能随意更改或拆卸并开设备。</p> <p>请勿将设备连接到电网。</p> <p>仅使用指定电池。</p> <p>可能因存在易燃气体时请更加小心。</p> <p>关于电池的提醒：</p> <ul style="list-style-type: none"> <li>● 用指定型号电池更换会减少电池寿命。</li> <li>● 更换后的旧电池交给专门人员处理，切勿把它放入火中！</li> </ul>	<p><b>本产品含有害物质名称及含量标识表</b></p>																												
<p><b>重要安全说明</b></p> <p>● 避免火灾和电击危险发生。请勿将带电的电源线切断；</p> <p>● 请勿发生异常火灾、过流或短路情况，请及时关闭电源的电源；</p>	<table border="1"> <thead> <tr> <th data-bbox="1017 939 1061 951">部件名称</th><th data-bbox="1061 939 1077 951">铅 (Pb)</th><th data-bbox="1077 939 1093 951">镉 (Cd)</th><th data-bbox="1093 939 1113 951">汞 (Hg)</th><th data-bbox="1113 939 1129 951">六价铬 (Cr6+)</th><th data-bbox="1129 939 1145 951">多溴联苯 (PBB)</th><th data-bbox="1145 939 1164 951">多溴联苯醚 (PBDE)</th></tr> </thead> <tbody> <tr> <td data-bbox="1017 951 1061 962">电源板/充电器</td><td>X</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr> <td data-bbox="1017 962 1061 973">结构件</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr> <td data-bbox="1017 973 1061 986">线材</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> </tbody> </table>	部件名称	铅 (Pb)	镉 (Cd)	汞 (Hg)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴联苯醚 (PBDE)	电源板/充电器	X	○	○	○	○	○	结构件	○	○	○	○	○	○	线材	○	○	○	○	○	○
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线材	○	○	○	○	○	○																							
<p><b>重要安全说明</b></p>	<p>○：表示该部件含有害物质且在部件所有回收材料中的含量均符合 SJ/T11363-2006 规定的限量要求以下。</p>																												
<p><b>重要安全说明</b></p>	<p>X：表示该部件含有害物质且在部件所有回收材料中的含量超出 SJ/T11363-2006 规定的限量要求，但是上表中打 “X” 的部件，其有害物质均为对人体健康和环境危害较小的物质。</p>																												
<p><b>建议</b></p>	<p>对有害物质含量较高的部件，应使用《电子有害物质控制管理计划》规定流程进行回收处理，不能随意丢弃。</p>																												
<p><b>建议</b></p>	<p><b>产品保养卡</b></p>																												
<p>● 不要在极端、热环境中使用，例如靠近热源或点火的电器。</p>	<p>产品名称： 产品型号： 产品编号： 购买日期： 保修期限：自购买之日起，我公司提供_____天保修服务。</p>																												
<p>● 不要拆卸或拆卸零件。</p>	<p>以下情况恕不提供免费维修： ● 未按照说明正确安装或修理的设备； ● 因自然灾害、意外事故或未按保养卡要求，导致的； ● 未按照说明正确使用或未按保养卡要求使用导致的。</p>																												
<p>● 在未获允许的情况下，不要在运行设备前进行拆卸。</p>	<p>● 因产品质量造成产品退换货的，请保留退换货的凭证。</p>																												
<p>● 产品工作温度：20℃~35℃。</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 产品工作湿度：50%~90%且无结露使用。</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 避免液体溅入设备，为避免液体溅入，建议对设备进行保护，例如加装打样将设备存放六个月以上，应每隔六个月为设备充至半电状态。</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p><b>声明</b></p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>本公司不对以下行为负责</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 对于任何使用材料（如本公司品牌之零部件）因产品制造造成的环境损害。（本公司不承担责任，责任完全由产品使用者承担）</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 本产品应作为企业资产进行管理的使用，如用户购买了第三方的 ROM</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>系统或者用该设备修改了系统文件，可能会导致系统不稳定，以及带来安全风险和安全隐患。</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p><b>免责声明</b></p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>由于产品的更新，此次销售的某些设备可能与产品不符，请以实物为准，此次的解释权归本公司，保留事先未知的情况下，修改本说明书的权利。</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p><b>系统还原软件列表</b></p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 品牌软件：赠送服务、用户支持、数据服务、病毒库、硬件管家</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 病毒驱动自动安装、BaseService、定制服务(蓝盾、杀毒驱动)</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												
<p>● 病毒驱动自动安装(小助手)、使用指南、开机指南、设备使用、CITA</p>	<p>● 因产品质量造成产品的故障或损坏。</p>																												

**选择制造商:**  
购买系统设备时务请开列: 如果用户自己拥有非官方系统, 购买安全系统设备前请先向用户负责。(可能存在的风险有: 用户信息被篡改, 自动篡改信息, 定位信息的位置等)

**设备用途:** 设备的用途将是快速、准确、零售、餐饮等行业。本产品作为商用设备, 应提供自动软件, 而商用设备则要求更复杂的API方可实现以上功能。

(一)符合“微功耗无线通信设备射频设备认证技术规范”第一类设备, 而微功耗设备需加装认证设备的附件。 内置频率NFC技术, 1.5A/mW, 输出功率7.5A/m, 用户可通过“设置”已连接的设备, 连接网络及Wi-Fi

NFC 需打开设备使用设备:

(二)不能擅自更改无线通信设备射频设备认证技术规范。加大发射功率(包括额外加装的辅助功率放大电路), 不得擅自更改发射频率;

(三)不得对其电路状态、线路参数进行干扰, 也不得出现更改, 避免有损于设备;

(四)因该设备受到射频能量辐射的工作、科学及医疗(FSM)应用设备的 干扰或有非法的无线电台(站)干扰;

(五)如材料或合成的无线电设备, 国家有禁止、应立即停止使用, 并应采取措施防止其再次使用或修理;

(六)在无线设备中必须遵守规定: 国家有禁止、标准制定的无线电文、电、气象设备站、卫星地球站(测控站、接收站、导航站)等 设备用无线电设备(机)必须遵守设备使用频率和功率限制设备, 应当遵守电磁环境保护及相关部门行业主管部门的规定;

(七)禁止以上无线通信中心作为核心、半径500米的区域内所有设备 须按照规定;

(八)从设备中的NFC设备中心有无线工作, 由自身设备检测和电池。

<p><b>Display</b></p> <p>Used for multimedia functions and information display, etc.</p>	<p><b>Back Cover Lock</b></p> <p>Slide left and right to switch the battery cover function. Note: The battery cover should be installed on the device, otherwise it will affect normal use.</p>
<p><b>Battery</b></p> <p>Open the battery cover, install or remove the battery in the direction indicated by the arrow.</p>	<p><b>PSAM card slot, Micro SD card slot, Nano SIM card slot</b></p> <p>You can insert a PSAM card slot, Micro SD card slot and Nano SIM card slot.</p>
<p><b>Power button / Fingerprint recognition (optional)</b></p> <p>Short Press: turn on the screen or lock the screen; Long Press: press for 2-3 seconds to boot up the device when it is off. Press for 2-3 seconds to power off or restart the device when it is on. Press for 1-3 seconds to power off the device when it crashes.</p>	<p><b>Front/Rear camera</b></p> <p>Supports photo taking and quick code scanning.</p>
<p><b>Scanner</b></p> <p>Photo taking and quick 1D/2D code scanning supported.</p>	<p><b>IC Card Reader</b></p> <p>Used for reading chip cards. Dual-sided insertion is supported.</p>
<p><b>Indicator light</b></p> <p>Light indicators used for charging, information, scanning, etc.</p>	
<p><b>Volume keys (optional)</b></p> <p>Adjusting the volume.</p>	

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<p><b>Function keys</b></p> <p>You can set a short function.</p> <p><b>Type-C</b></p> <p>Can be used for charging devices and for developer debugging purposes.</p> <p><b>Scan Button</b></p> <p>Short press the button to enable scanning function.</p> <p><b>Expansion interface (optional)</b></p> <p>For connecting related accessories.</p> <p><b>Hand strap</b></p> <p>Use more conveniently.</p> <p><b>Safety Warning</b></p> <p>Please insert the AC plug into the AC socket corresponding to the input marked on the power adapter.</p> <ul style="list-style-type: none"> <li>• This is a class B product. In a residential environment, this product may cause radio interference. In this case, it may be necessary for the user to take practical measures to address the interference.</li> <li>• Do not operate the device in non-safe areas.</li> <li>• Do not replace the battery when explosive gas may be present.</li> <li>• Do not charge the device in dangerous places.</li> <li>• Battery Replacement: <ul style="list-style-type: none"> <li>① The area of risk of explosion if the battery is replaced by an incorrect type.</li> <li>② The top battery shall be given to the maintenance personnel for disposal. Do not throw it into fire!</li> </ul> </li> </ul> <p><b>Cautions</b></p> <ul style="list-style-type: none"> <li>• Please avoid installation or usage during thunderstorms to prevent the risk of being struck by lightning.</li> <li>• Please disconnect the power immediately once you find any abnormal signs, overheating, or smoke.</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• Do not use the device under extreme cold or hot environment, such as conditions near the fire or its cigarette.</li> <li>• Do not throw, drop, or bend the device.</li> <li>• Try to use the device in a clean and dust-free condition to avoid</li> </ul>	<p>small items falling into the terminal;</p> <ul style="list-style-type: none"> <li>• Do not use the device near medical equipment without permission.</li> </ul> <p>This device is only suitable for safe use in areas with an altitude of 5000m and below.</p> <p>Before storing your device for an extended period, please charge the battery to the optimal level to prevent deep discharge. For instance, if you plan to store the device for more than six months, it's recommended to charge it to 50% of its capacity every six months.</p> <p><b>Statements</b></p> <p>The company is not responsible for the following actions:</p> <ul style="list-style-type: none"> <li>• Damage caused by use and maintenance without the conditions described in this guide;</li> <li>• The company will not be responsible for any damages or problems caused by the alternatives or consumables (the original products or approved products provided by the company). (Without consent of the company, it is not authorized to make product modifications or changes).</li> <li>• The operating system of this product supports official system updates. If the user flashes a third-party ROM system or modifies the system files using cracking methods, it may cause system instability as well as pose security risks and threats.</li> </ul> <p><b>Disclaimer</b></p> <p>Due to product updates, some details of this document may not match the product, please refer to the actual product, and the right to interpret this document belongs to the company. The right to modify this document without prior notice is reserved.</p> <p><b>Pre-installed Software List</b></p> <p>Function Keys App Launcher</p> <p>SUNMI Key Customization - BasicService - Customization Service (Wallpaper, Boot Animation)</p> <p>SUNMI Key Customization (Service Assistant) User Guide - Startup Guide - Remote Assistance - SUNMI OTA</p> <p>After installing the device, select "Settings-&gt;Applications-&gt;Applications" and select the corresponding software name to view information. To uninstall software, select "Settings-&gt;Applications-&gt;Applications-&gt;Uninstall" or long press on the icon and drag it to the "Recycle Bin".</p> <p><b>PRODUCT SAFETY WARNINGS</b></p> <p>To prevent possible injury, please read all instructions and safety information before you use the product.</p> <p>Operating temperature: -10°C ~ 50°C</p> <p>Storage temperature: -20°C ~ 60°C</p>
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### Battery safety

Charge the battery only at ambient temperatures ranging from 0°C to 40°C.

**CAUTION:** Danger of explosion if battery is incorrectly recharged. Replace only with the same or an equivalent type of battery recommended by the manufacturer.

Dispose of used batteries according to the battery manufacturer's instructions.

The product information listed on this page may be updated from time to time due to product upgrades or other reasons. SUNMI reserves the right to modify the product information and contents on this page without notice.

### RF Exposure Statement (SAR)

This device has been tested and meets FCC E1, FCC and IC RSS-102 applicable limits for radio frequency (RF) exposure.

[Click here](#) visit: www.sunmi.com

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operational precautions for exposure to radio waves established by this transmitter must not be collocated or operated in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a power density of 1.6 W/kg for body/head and 4W/kg for extremities averaged over one gram of tissue. The highest-SAR value reported under this standard during product certification for use when powered on was on the body. The minimum separation distance for body-worn accessories is 10mm; the minimum separation distance for extremity is 0 mm.

The product SAR limit for Europe is 2.0 W/kg [10g] for head, 4.0 W/kg (10g) for Limb worn. Smart POS System T20K/T4G Pro has also been tested against this SAR limit and found to be in the safe margin. The limit of DASIC for your extremities sets of 4.0 W/kg (10 g) et la limite de DASI pour la tête est de 1,6 W/kg (10 g). La valeur du DASI plus élevée n'est pas autorisée. Les utilisateurs doivent respecter les limites d'exposition en mode tête à la main est de 1,08 W/kg pour vos extrémités (10 mm) et de 0,47 W/kg pour la tête (0 mm).

### EU Regulatory compliance

Conformity CE

Honkley, Shanghai Sunmi Technology Co., Ltd., declares that their device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:  
<http://developer.sunmi.com/docs/read/en-US/m480#q480>

SUNMI is authorized to operate in one Member State without infringing applicable requirements of the radio spectrum.  
 (CE mark info)  
**DECLARATION OF THE SOFTWARE**

The description of accessories and components, including software, which allow the radio equipment to operate as intended, can be obtained in the full text of the EU declaration of conformity at the following internet address:  
<http://developer.sunmi.com/docs/read/en-US/m480#q480>


**RESTRICTIONS OF USE**

5150-530M0Rt only be used by notes.

DE	FR	IT	CX	UK	NL	AT
BE	ES	PT	PL	GR	NO	SE
IE	FI	LU	LI	LT	LX	MT
SK	CY	HR	SI	EE	LV	RO
EL	NO	CH	TR	RU	UA	BY

All EU and UK member states registered to ISO 15500  
 May restricted to indoor use only.

**CE**      **EUR Representative: SUNMI France SAS**  
 186 avenue des Terres, 93000 Lyon, France



This symbol means that it is forbidden to dispose the product of with normal household waste. At the end of the product life cycle, waste equipment should be taken to designated collection points or returned to the distributor when purchasing a new product, or contact your local authority representative for detailed information on WEEE recycling.

### FCC compliance statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy.

and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

**Caution:** The user is cautioned that changes or modifications not expressly approved by the responsible federal authority may void the user's authority to operate the equipment.

## ISED Canada compliance statements

This device complies with ISED Canada licence-exempt RSS standards. It is authorized to use the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation intérieure afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Technology	Operation Frequency	EU Power
CSMA/SS	863-975.75MHz (Tx/Rx)	150mW
CSMA/SS	917.9-923.75MHz (Tx/Rx)	150mW
WCDMA Band4	1920-1980MHz (Tx/Rx)	150mW
WCDMA Band5	2130-2170MHz (Tx/Rx)	150mW
WCDMA Band6	800-1544MHz (Tx/Rx)	900mW (Tx/Rx)
LTE Band 1	1920-1980MHz (Tx/Rx)	150mW
LTE Band 3	1710-1755MHz (Tx/Rx)	150mW
LTE Band 5	824-894MHz (Tx/Rx)	896mW (Tx/Rx)
LTE Band 6	2600-2700MHz (Tx/Rx)	150mW
LTE Band 8	900-1544MHz (Tx/Rx)	900mW (Tx/Rx)
LTE Band 20	812-824MHz (Tx/Rx)	731.812mW (Tx/Rx)
LTE Band 20	823-840MHz (Tx/Rx)	731.812mW (Tx/Rx)
LTE Band 34	2010-2025MHz (Tx/Rx)	2010-2025MHz (Tx/Rx)
LTE Band 38	2570-2620MHz (Tx/Rx)	2570-2620MHz (Tx/Rx)
LTE Band 40	2100-2600MHz (Tx/Rx)	2100-2600MHz (Tx/Rx)
LTE Band 41	2496-2600MHz (Tx/Rx)	2496-2600MHz (Tx/Rx)
BT	2402-2480MHz (Tx/Rx)	10.368mW
BLE	2402-2480MHz (Tx/Rx)	8.416mW
2.4G WFI	2412-2427MHz (Tx/Rx)	10.336mW
5G WFI	5150-5250MHz (Tx/Rx)	20.368mW
5G WFI	5170-5250MHz (Tx/Rx)	20.368mW
5G WFI	5275-5850MHz (Tx/Rx)	13.760mW
WIFI	5.15GHz (Tx/Rx)	100mW (Tx/Rx)
GNSS	1559-1160MHz (Rx)	7.1mW

There is faster light from the scanner. Class 1 laser product, please do not stare into beam.

The terminal is not allowed to be maintained or repaired by itself.

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