

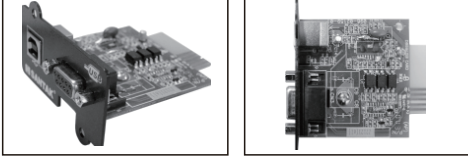
# Mini USB+RS232 使用手册

## USER MANUAL

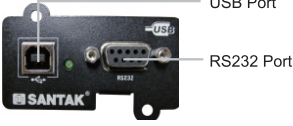


山特电子(深圳)有限公司  
 厂址: 深圳市宝安西乡铁岗社区72号 邮编: 518101  
 客服电话: 0755-27572730  
 客服中心E-mail地址: sps@service@satk.com.cn  
 客服热线: 400-830-3938/800-830-3938  
 www.satk.com.cn

### APPEARANCE



### FEATURES



USB+RS232 card is a device for UPS monitoring, it supports two type port: USB(Universal Serial Bus) and RS232. It is very easy to install the card. User can insert the card into UPS slot, and monitoring UPS status with Winpower software.

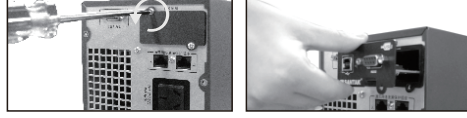
### COMPATIBILITY

- ◎ XP Series;
- ◎ MP Series;
- ◎ MT-Pro Series;
- ◎ Castle Series;
- ◎ Other UPS with short intelligent slot

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### HARDWARE INSTALLATION

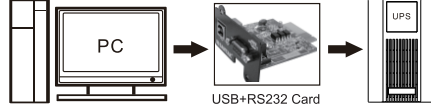
1. Open the cover of the Intelligent Slot of the UPS. Please refer to the picture.
2. Insert the USB+RS232 card into the Intelligent Slot



3. After insert card properly, lock the screws of the USB+RS232 bracket.



4. With the USB or RS232 communication line connect to monitoring device.



Please note: When user connects USB and RS232 port at the same time, RS232 signal of the card will be disabled, only USB signal enable.

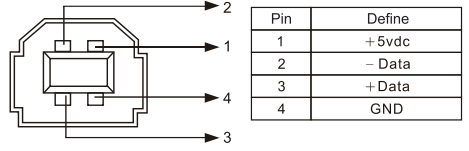
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5. For remote UPS monitoring, user can install Winpower on monitoring computer, and connect to UPS via RS232 Port or USB Port, then user can view and control UPS.

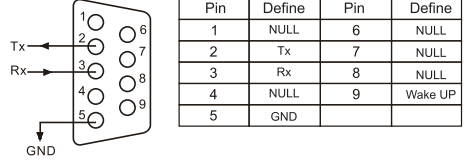
Please note: User can get Winpower software installation file from SANTAK website.

### USB+RS232 CARD INTERFACE

#### ◎ USB PIN Assignment



◎ RS232 Port is the standard DB9 Port, about PIN Assignment please refer to the following table.



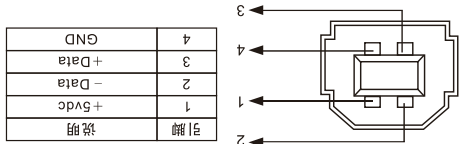
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◎ RS232接口为标准的DB9端子。各引脚定义如下:



◎ USB接口脚位说明

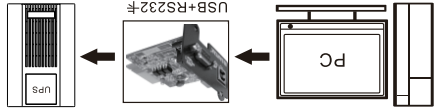
### USB+RS232卡接口

注: 监控软件WinPower及使用说明可从山特官方网站下载

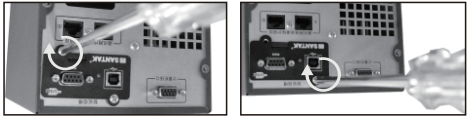
5. 在监控设备上安装监控软件WinPower, 用来显示和控制UPS的运行状态, 实现UPS运行的远程监控。

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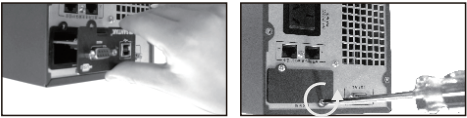
注: 当用户同时用USB和RS232接口一起监控UPS时, RS232的接口信号将被屏蔽。



4. 用USB或232线与监控设备连接。



3. 直到USB+RS232卡接口处的金属板紧贴UPS箱体后面板平面即表示插卡到位, 再用螺丝锁定卡。



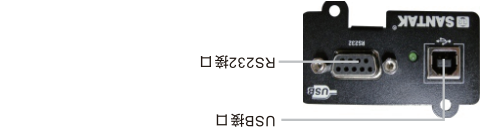
2. 沿“智能插槽”(Intelligent Slot)的缺口处直接推入USB+RS232卡。

### 安装方式

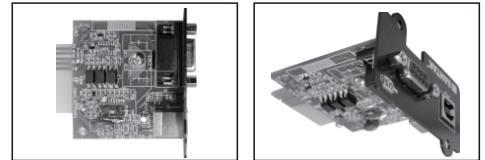
### 适用机种

WinPower监控软件。

并能够直接插入UPS的智能插槽, 安装简便。在客户端可使用Bus)和RS232接口, 方便用户选择任何一种接口监控UPS的运行状态;



### 产品功能



### 产品外观

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◎ 其他具有短卡智能插槽的UPS机种

- ◎ Castle系列;
- ◎ MT-Pro系列;
- ◎ MP系列;
- ◎ XP系列;