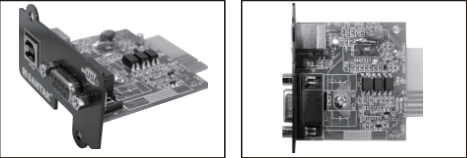


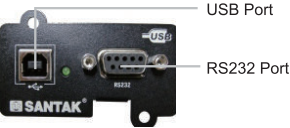
Mini USB+RS232 使用手册

USER MANUAL

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.

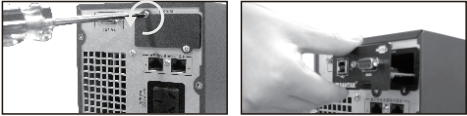
COMPATIBILITY

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

1

HARDWARE INSTALLATION

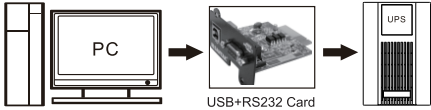
- 1.Open the cover of the Intelligent Slot of the UPS. Please refer to the picture.
2. Insert the USB+RS232 card into the Intelligent Slot



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.

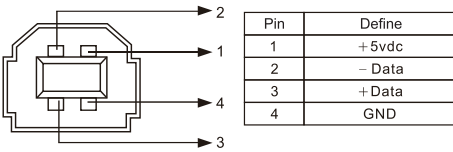
2

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.

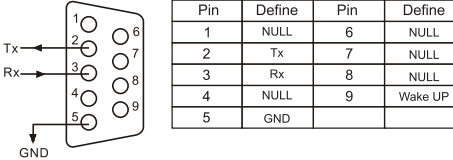
USB+RS232 CARD INTERFACE

⊙ USB PIN Assignment



Pin	Define
1	+5vdc
2	- Data
3	+ Data
4	GND

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



Pin	Define	Pin	Define
1	NULL	6	NULL
2	Tx	7	NULL
3	Rx	8	NULL
4	NULL	9	Wake UP
5	GND		

614-05105-02

3

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3



⊙ RS232接口为标准的DB9端子。各引脚定义如下:

引脚	说明	引脚	说明
1	+5vdc	6	空脚
2	- Data	7	空脚
3	+ Data	8	接收
4	GND	9	空脚
5	GND		

⊙ USB接口脚位说明

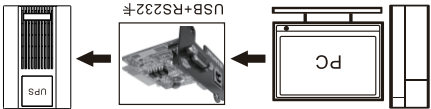
USB+RS232卡接口

注: 监控软件WinPower及使用说明可从山特官方网站下载

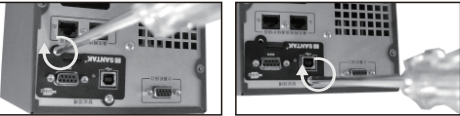
5. 在监控设备上安装监控软件WinPower, 用来显示和控制UPS的运行状态, 实现UPS运行的远程监控。

2

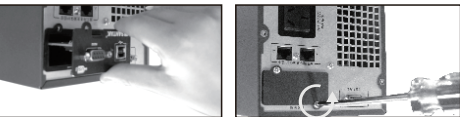
注: 当用户同时用USB和RS232接口一起监控UPS时, RS232的接口信号将被屏蔽。



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。



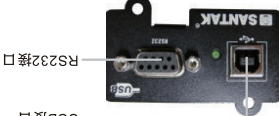
1. 用十字螺丝刀取下UPS后盖板上“智能插槽(Intelligent Slot)” slot的缺口处直接推入USB+RS232卡。

安装方式

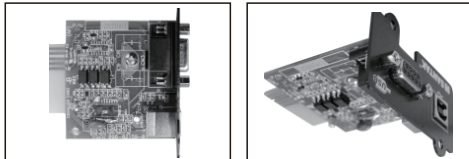
适用机型

WinPower监控软件。

USB+RS232卡为UPS外围监控提供标准的USB(Universal Serial Bus)和RS232接口, 方便用户选择任一接口监控UPS的运行状态; 并能够直接插入UPS的智能插槽, 安装简便。在客户端可使用



产品功能



产品外观