

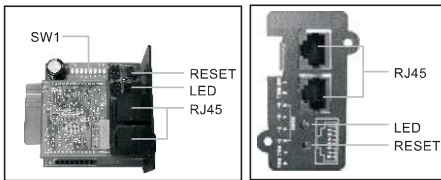
WinPower S-CMC

集中监控短卡
使用手册

614-06751-02



产品外观图



产品功能

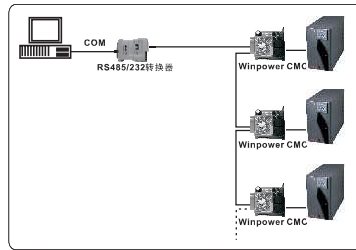
- 输出标准RS485信号;
- 提供两个并行的RJ45介面。

适用范围

- XP系列;
- MP系列;
- Castle系列;
- 其他具有短卡智能插槽的UPS机种

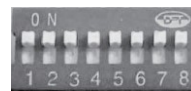
1

应用拓扑图



设置说明

地址码设定 (SW1):
范围: 0~255
说明: 表示方法为二进制, 1为低位, 8为高位。DIP拨向"ON"时表示"0",



范例: 地址码为38
(对应二进制为00100110)

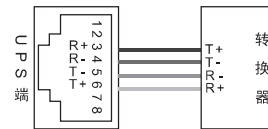
2

RJ45 PIN脚定义

1 2 3 4 5 6 7 8	Pin	1	2	3	4	5	6	7	8
	Define	GND	NULL	R+	R-	T-	T+	NULL	NULL
	Signal			RS485					

通讯建立方式

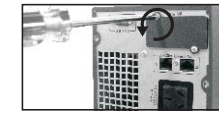
因计算机的通讯口只可以接收RS232的信号, 故在将CMC短卡的信号传输到计算机的通讯口之前, 须先进行一次信号的转换, 将CMC短卡的RS485信号转换为RS232信号。这个工作由一个转换器来完成。具体的连线规则如下:



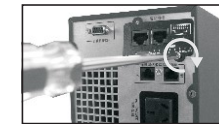
3

安装方式

- 1) 打开山特UPS后面板的“智能插槽” (Intelligent Slot) 的盖板。
- 2) 沿着“智能插槽” (Intelligent Slot) 的缺口处直接推入监控卡, 直到监控卡RJ45介面的金属板紧贴UPS箱体后面板平面即表示插卡到位。



- 3) 用螺丝锁定监控卡。如下图所示:

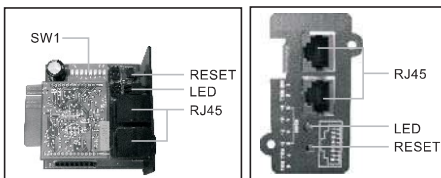


注: 本说明书中所提及的Winpower S-CMC的全称为: Winpower Central Monitor Short Card, 智能插槽指的是短型智能插槽。

4

CMC (Central Monitor Card) is an optional accessory, it gives an easy and simple way to achieve remote monitoring & controlling of all the UPS at the same time.

APPEARANCE



FEATURES

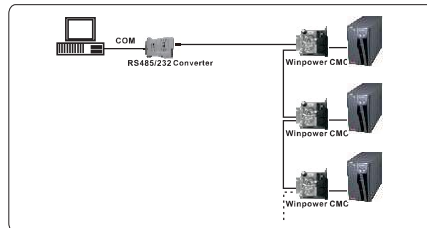
- Converts the UPS RS232 signal into RS485 signal
- Provides a pair of RJ45 interface.

COMPATIBILITY

Compatible with:
XP Series
Castle Series
MP Series
Other UPS with short intelligent slot

1

TOPOLOGY



CONFIGURATION

Address Setting (SW1)
Range: 0 ~ 255

Description: As an eight byte binary system, Pin-1 of SW1 is low byte, Pin-8 of SW1 is high byte. DIP switches set to "ON" means "0", and DIP switches set to "OFF" means "1".

Example: If you want to set the CMC number as 38 (in decimal), its equivalent binary number is 00100110. Please refer to the SW1 setting on the right:



2

Notes: The setting of CMC number can not be duplicated in the same group.

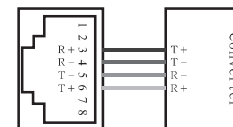
RJ-45 PIN ASSIGNMENT

1 2 3 4 5 6 7 8	Pin	1	2	3	4	5	6	7	8
	Define	GND	NULL	R+	R-	T-	T+	NULL	NULL
	Signal			RS485					

COMMUNICATION MODE

RS485 Signal
It is commonly known that most of computers can only receive RS232 signal. Therefore, it is needed to have a RS485 — RS232 CONVERTER to transform RS485 signal into RS232 signal for the computer.

Following diagram shows the wirings between RJ45 port of CMC and the RS485 — RS232 converter.



3

HARDWARE INSTALLATION

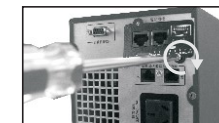
1. Open the cover of the Intelligent Slot of the UPS, shown as below:



2. Insert the CMC into the Intelligent Slot.



3. Lock the screws of the CMC bracket.



4. Connect the CMC(s) and the computer according to the "TOPOLOGY" diagram.

SOFTWARE INSTALLATION

Install the software into the computer system to monitor all the UPS with CMC installed.

Please refer to the installation procedures in the manual.

4