

Monitoring Software UPSmart



Product Introduction

UPSmart is monitoring software for single UPS developed on RS232/USB interface. When mains input is normal, UPSmart can display the input voltage, output voltage, frequency, load, battery capacity and many other parameters with real time data curves. When mains input is abnormal or other fault occurs, UPSmart can save the document automatically, make system turned off safely and automatically send alarm information by email or SMS messages. With UPSmart, users don't need to worry about any loss to the system cause by the abnormal mains power; users can make the necessary processing at the first time, and learn the historical operation information of equipment through query historical data and events saved in the system.

Application platform

Windows 98; Windows NT; Windows 2000; Windows ME; Windows XP; Windows 2003; Windows Vista; Windows 7

Features

- Working status: mains, battery, inverter, bypass, self test, etc.
- Real time monitoring: voltage, frequency, load, battery and other information
- Automatically securely saves data for common applications before shut down the system
- Multiple test methods for UPS diagnostic testing
- Automatic sequence turning on / off time of computer and UPS is configurable
- Historical parameters, operations and events can be inquired
- Local alarm and remote alarm functions are available
- Auto restart is settable

NANO-SNMP Card (iDA-Star series)



Internal card



External card

Technical specifications

MODEL	iDA-ST200P	iDA-ST200E
Type	Internal card	External card
Communication interface	RJ45, RS232, RS485	
Network interface	10/100Mbps high-speed Ethernet adaptive	
Serial interface	One 232 port for UPS communication, one 232 port for SMS and temperature-humidity module, one 485 port for protocol conversion	
SNMP MIB	RFC1628	
Network protocol	TCP/IP, UDP, SNMP, SMTP, HTTP, SSMTP, DHCP, DNS, FTP, ARP, ICMP, etc.	
Input power (DC)	9~28V	
Power consumption	Max. 1.5W	
Operating environment	Temperature: 0°C~50°C, humidity: 10~90%	
Other configuration	Real-time system clock	
Program upgrade	FTP remote network upgrade through web page	
Multi-language	Support simplified Chinese, traditional Chinese, English	
System security	Offer IP-based filtering mechanism and password for system operation and control management	
Applicable for	EAST full range conventional UPS products	
Dimensions	10 × 42 × 81mm	

Application schematic diagram

