



netBooster™ NP-0201D Remote Power/Process Control System



- 2 Power Outlets
- AC Current Monitor
- Temperature Sensing
- Access IP Filtering
- Telnet
- Web Browsing
- Emailing
- SNMP/Trap
- Auto Ping & Reboot
- Modem Interface
- Network Security
- Local control Port
- Standalone Timer

Features:

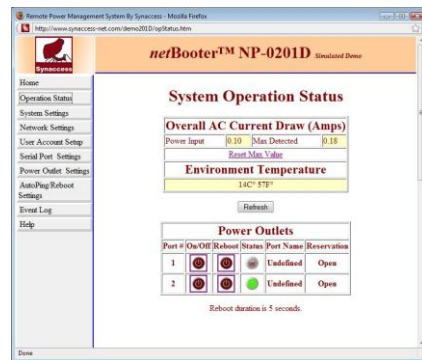
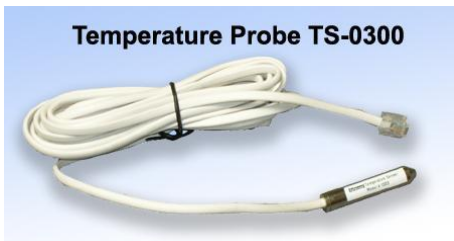
- Rugged small enclosure: 5.40"x1.75"x6.15".
- Handles large current equipment up to 13A @120VAC and 10A @220 VAC
- 2 power outlets. Each power outlet is user name password protected.
- Current Draw Monitoring for user to view AC current draw from all power outlets. It includes settings for user defined alarm threshold, alarm methods (Emails, TRAP, data log) and alarm message sending intervals.
- Temperature Sensing Input Port enables the system to measure environment temperature with an external sensing probe.
- One DB-9F(DCE) RS232 service port and one RJ45 Ethernet port.
- Auto ping and power reboot for each power outlet.
- Event timers for each power outlet so that an outlet is capable of executing recycling power with desired calendar date, real-time clock, and period or duty cycle.
- Source IP access Filtering and Blocking
- Telnet accessibility. Menu driven or command-in-line configuration setup.
- Embedded Web server enables user to easily change settings, view or alter system status.
- Integrated SNMP agent and Trap notification capability.
- POP3/SMTP for sending and receiving emails. Via Emails, users are able to send commands, such as power reboot.
- Dial-up modem connection via local serial port.
- Administration and User level name and password protection, including user name and password authentication for Web access or email sending.

NP-0201D provides secured remote power source management operation and AC current/temperature monitoring via TCP/IP networks or local direct connection. Accessing the system is password protected at Administration level or user privilege levels. Network security includes user name and password (64-bit encrypted) authentication for Web access or sending emails. NP-0201D offers the most versatile access control methods in the industry for easy, quick and reliable operations.

Power Reboot/AutoPing – Each of power outlets is fully controllable. The AutoPing feature enables the system to constantly monitor an IP address for a remote system and executes power reboot whenever the remote system is down. Each outlet has its own thread of AutoPing operation. In addition, each power outlet can be programmed to turn on/off periodically or be scheduled per calendar and clock.

Current Draw Monitoring- It constantly collects aggregated True RMS current data all power outlets. Alarm messages and TRAP messages will be sent or logged to a local file on the unit when current crosses over a user defined threshold.

Temperature Monitoring and Process Control – With a digital temperature probe (Synaccess optional part), a closed control loop can be achieved on AC outlet 1. Two Set-points allow operations more flexible and efficient.



A Snapshot of Web Browser Access



System Specifications

| Item | NP-0201D |
|---------------------------------------|--|
| Power Input | 13 Amps Max @ 120VAC 10 Amps Max @ 220VAC |
| Voltage | 100 VAC (Also Support 220VAC) |
| Connector | 1 Power Cord |
| AC Output Outlet | 2 |
| AC Current Draw Monitoring | Measurement of True RMS from all circuits. |
| Temperature Sensing Port | Digital Environment Temperature Input Port |
| Total Load (Combine all AC outlets) | 15 Amps Max @ 120VAC 13 Amps Max @ 220VAC |
| Outlet Type | NEMA 5-15 |
| Console Interface – Local Master Port | 1 RS232 Port, female. Data: 7 or 8 bits. Stop Bits: 1 or 2. Parity: None, Odd or Even. Flow Control: None or RTS/CTS. Baud Rate: 2400 to 115200. |
| Physical Dimensions | 5.40X1.75X6.15" |
| Network Interface | 10 Based T. RJ45. |
| Network Protocols | ICMP, IP, TCP, DHCP, Telnet, DNS, POP3/SMTP, SNMP, HTTP, and BootP. |
| LED | 3 Digit AC Current Display 2 Power outlet On/Off status LEDs 1 Power On/Off LED. 1 Network LED. |
| Weight | 2 lbs. Shipping Weight. |
| Operational Temperature Environment | -13F° – 122F° (-25C° – 50C°) |
| Humidity | 10 – 90% RH |
| Storage Temperature | -20F° – 140F° (-29C° – 60C°) |
| Safety and EMI Compliance | Yes. TUV(US), UL-60950, FCC Class B |