



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



- 2 Power Outlets
- AC Current Monitor
- Temperature Sensing
- Access IP Filtering
- Telnet
- HTTP/HTTPS
- Emailing
- SNMP/Trap
- Auto Ping & Reboot
- Serial RS232 Interface
- Daily Reboot

Features:

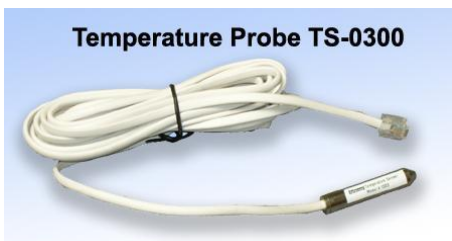
- Rugged small enclosure: 5.40"x1.75"x6.15".
- Handles large current equipment up to 13A @120VAC and 10A @220 VAC
- 2 power outlets. Each power outlet is user name password protected.
- One RS232 Master Service port and one 10/100 Base T Ethernet port.
- Embedded web server (HTTP/HTTPS) enables user to easily change settings, view or alter system status.
- AC current draw monitoring and alarming. AC current threshold settings, local data logging, SNMP TRAP and email notifications.
- Environment temperature sensing port for digital temperature probe input. Upper and low temperature threshold settings for outlet process control applications. Temperature alarm notifications including local data logging, SNMP TRAP notifications and emails
- Each of AC outlets can generate ON/OFF pulses with specified period, duty cycle and number of pulses.
- Autoping and power reboot/ON/OFF for each power outlet. Email alert message if actions are taken.
- Telnet accessibility. command-in-line for configuration and controls.
- Direct TCP programming interface with a list command programming codes.
- 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.

NP-0201DT provides secured remote power source management operation and AC current and environment 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 SSL (Secure Sockets Layer) for secured web access (HTTPS).

Power Reboot/AutoPing – Each of power outlets is fully controlled via Telnet, Web, SNMP, emailing, local or via external Modem. The AutoPing feature enables the system to constantly monitor an IP address for a remote system and executes power reboot whenever the system is down. Each outlet has its own thread of AutoPing operation.

Current Draw/Environment Temperature Monitoring - It constantly collects aggregated True RMS current data from all power outlets. Environment temperature is monitored via an external digital temperature sensing probe. The current and temperature status are viewed from a web browser, Telnet terminals or SNMP object viewer. Alarm messages and TRAP messages will be sent or logged to a local file on the unit, if current draw passes 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-0201DT
Power Input	13 Amps Max @ 120VAC 10 Amps Max @ 220VAC
Voltage	100 – 240 VAC
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)	13 Amps Max @ 120VAC 10 Amps Max @ 220VAC
Outlet Type	NEMA 5-15
Console Interface – Local Master Port	1 RS232 Port, female. Data Rate: 2400 to 115200. No hardware handshaking.
Physical Dimensions	5.40X1.75X6.15”
Network Interface	10/100 Based T. RJ45.
Network Protocols	ICMP, IP, TCP, DHCP, Telnet, DNS, POP3/SMTP, SNMP, HTTP/HTTPS, and BootP.
LED	3 Digit AC Current Display 2 Power outlet On/Off status LEDs 1 Power On/Off LED. 1 Network LED.
Weight	3 lbs. Shipping Weight.
Operational Temperature Environment	-13F° – 122F° (-25C° – 50C°)
Humidity	10 – 90% RH
Storage Temperature	-22F° – 140F° (-30C° – 60C°)
Safety and EMI Compliance	Yes. TUV(US), UL-60950, FCC Class B