

netBooster™ NP-0201DU/H Series Remote Power Management System



The *netBooster™ NP-0201DU/H Series PDUs* provide remote control of 2 independent power outlets, and True RMS current sensing totaled across all outlets. In addition, the PDU is compatible with TS-0300 temperature probes for environment temperature monitoring and controls.

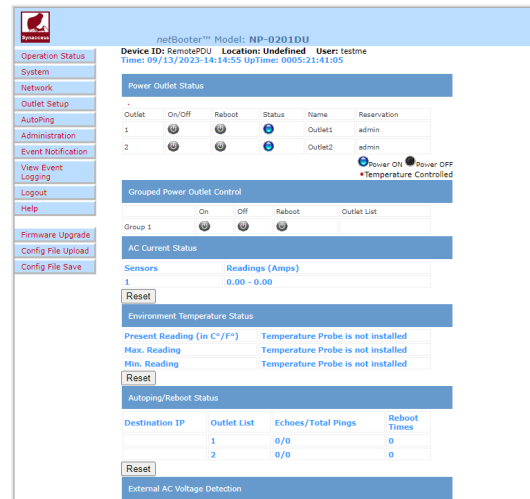
Operations are managed via TCP/IP network or direct serial connection. The compact enclosures are rugged with powder coated protection, and are corrosion resistant and have long lasting durability.

Features

- 2 Independently managed power outlets.
- True RMS Amperage reading with $\pm 1\%$ typical accuracy
- TLSv1.2 Encryption HTTPS
- Configure and control with HTTP/S web interface, or command line via Telnet / Serial.
- Digital environment temperature sensing port.
- Manage outlet operations based on current, or based on temperature (with additional TS-0300 temperature probe)
- Source IP Access Filtering/Blocking
- Use Autoping to monitor IP addresses and reboot independent outlets after specified ping losses..
- Sends event notifications via email or view local event log.
- Integrated SNMP Agent and Trap notification capability

Remote Power Control

The two power outlets can be independently controlled via Telnet, Web (HTTP/S), Serial port, SNMP, external Modem or your own programming scripts.



netBooster™ Model: NP-0201DU
Device ID: RemotePDU Location: Undefined User: testme
Time: 09/13/2023-14:18:55 UpTime: 0005:21:41:05

Power Outlet Status

Outlet	On/Off	Reboot	Status	Name	Reservation
1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Outlet1	admin
2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Outlet2	admin

Grouped Power Outlet Control

Group 1 On Off Reboot Outlet List

AC Current Status

Sensors	Readings (Amps)
1	0.00 - 0.00

Environment Temperature Status

Present Reading (in C/F): Temperature Probe is not installed
 Max. Reading: Temperature Probe is not installed
 Min. Reading: Temperature Probe is not installed

Autoping/Reboot Status

Destination IP	Outlet List	Echoes/Total Pings	Reboot Times
<input type="text"/>	1	0/0	0
<input type="text"/>	2	0/0	0

External AC Voltage Detection



netBooter NP-0201DU Models

netBooter NP-0201DU(H) Models

Customizations

NP-0202DU/H - Per Outlet Current Monitoring - Provides per-outlet True RMS Current sensing

NP-0205DU/H - External Power Source Detection - Provides ability to **detect and log if a separate external power source (12VDC) is present**. A typical use case is to plug the main power source of the unit into a UPS, and the external power detection inlet directly to the power source behind the UPS. If power goes out and the UPS is keeping the PDU up, a notification can be generated in a short amount of time.

Specifications

Specification	NP-0201DU NP-0202DU NP-0205DU	NP-0201DUH NP-0202DUH NP-0205DUH
Physical Dimensions	6.15" x 5.40" x 1.75" Compact	
Input Power Voltage	120VAC, 60Hz	100 - 230VAC, 50/60Hz
AC Inlet Type	IEC 320 C14 (1)	
AC Outlet Type	NEMA 5-15R (2)	IEC 320 C13 (2)
Total Load	13A @ 120VAC	10A @ 230VAC
AC Current Draw Monitoring	1 - Input Current Sensor (*NP-0202DU(H) models provide 2 current sensors on each outlet)	
Network Interface	10 Base-T Ethernet, RJ-45	
Network Protocols	ICMP, IP/TCP, NTP, SMTP, DHCP, Telnet, HTTP/HTTPS, SNMP, and BootP	
Local Serial Port	USB or RS-232 Baud Rate from 2400 to 19200	RS-232 Baud Rate from 2400 to 19200
LED Indicators	2 - Power Outlet On/Off Status 1 - Input Power On/Off 1 - Network Status	
Operational Temperature	-25°C to 50°C	
Humidity	15-95% RH	
UL/FCC Compliance	TUV(US), UL-60950, FCC Class B	