

netBooter DU Series PDU



Metered and Switched Power Distribution Units

The netBooter DU Series PDUs are cost-effective switched power distribution units, designed for remote management and independent control of power outlets. With flexible access options, including network access via HTTP(S), SNMPv1,2 or Telnet, or a direct serial connection, netBooter DU series PDUs ensure seamless power operations.

Utilize the **AutoPing** automation feature to monitor IP addresses continuously. Automatically trigger email notifications or reboot independent outlets upon ping loss, ensuring uninterrupted performance and minimal downtime.

APPLICATIONS

- IT Rooms/Networking Racks
- Data Centers
- AV Equipment
- Telecomm
- Kiosks
- Digital Signage
- Test Automation
- Production Automation
- Manufacturing
- Engineering Labs

KEY FEATURES

- Individual Outlet Control
- Automated IP monitoring with AutoPing to reboot outlets or send notifications
- Network access via HTTP(S) web UI, HTTP(S) API, SNMPv1,2, or Telnet
- Direct Serial Access via USB or DB9 models
- Scheduled outlet control for daily or weekly on/off or reboot operations
- Inlet Current Monitoring
- User Access Management
- Sensor port for Temperature Probe
- Available in compact, 1U, 2U, and 0U form factors

Cost Effective Remote Power Control

A single Synaccess PDU can more than pay for itself by preventing just a single onsite tech dispatch. More often than not, service calls can be addressed through remote troubleshooting and equipment reboots. Synaccess PDUs are available in hundreds of configurations and form factors to meet any application and environment.

CONTROL POWER TO INDIVIDUAL OUTLETS

Access and control power to individual outlets. Define timed outlet sequencing and schedule power cycles.

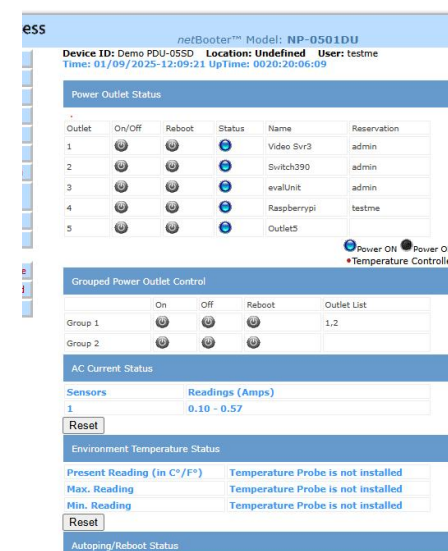


AUTO-DETECT AND RECOVER UNRESPONSIVE EQUIPMENT

Monitor remote devices with AutoPing. Automatically take action when a device becomes unresponsive. Send alerts via email or perform power cycles to restore functionality.

MONITOR INPUT CURRENT AND TEMPERATURE

Measure and monitor input current and environmental temperature with a TS-0300 temperature probe. Create power control automation to respond to current overload or high/low temperature conditions.



MANAGE DEVICES VIA NETWORK OR SERIAL CONSOLE

Access PDUs directly through a HTTP(S) web interface, SNMPv1,2, Telnet, or via Serial Console.

SAFETY CERTIFIED

Synaccess netBooter PDUs are UL/CSA 62368-1 Compliant, cTUVus Listed. Certified by TÜV Rheinland for Product Safety and Quality Certification.



TAA COMPLIANT

Synaccess PDUs are fully TAA compliant, ensuring they meet the rigorous standards required for government procurement.



Model Specifications

Input	
Input Options	IEC 320 C14 or IEC 320 C20 <i>Multi-inlet models available</i>
Input Voltage Options	100-120V, 60Hz or 100-240V, 50-60Hz
Max Input Current	13A (10.4A derated), 15A (12A derated), 20A (16A derated)
Phase	Single-Phase
Input Measurement	Current RMS (A) Measurement

Output	
Outlet Voltage Options	100-120V or 100-240V
Outlet Receptable Options	NEMA 5-15R, IEC 320 C13
Outlet Count Options	2, 5, 8, 10, 16, 20
Overload Protection	None
Outlet Measurement	Available as customization in select models
Outlet Switching	Individual outlet switching

Physical	
Form Factor Options	Compact (2 outlet) 1U Strip (5 outlet) 1U (8 outlet) 2U (16 outlet) 0U (10 or 20 outlet)
Dimensions	Compact: 6.2" x 5.4" x 1.75" 1U Strip: 19" x 2.125" x 1.75" 1U: 19" x 6.25" x 1.75" 2U: 19" x 6.25" x 3.5" 0U (10 outlet): 31.8" x 2.8" x 1.75" 0U (20 outlet): 53.2" x 2.8" x 1.75"
Operating Temperature	-5C° to 60°C
Storage Temperature	-25C° to 65°C
Humidity	5-95%, non-condensing

Access, Communication, and Security	
Networking Protocols	HTTP(S), Telnet, SMTP, SNMPv1,2, DHCP, Syslog, Ping, NTP, IPv4
Network Interface	10/100 BaseT Ethernet (RJ45)
Encryption	HTTPS (TLS v1.2) <i>Note - SSH is not available</i>
User Access Management	Local user accounts
Serial Communication Options	DB9 RS-232 or USB (FTDI-based) Baud rate from 2400 to 19200
Front Panel	LED indicators for individual outlet on/off status 1 LED indicator for PDU On/Off status 1 LED indicator for Network status 1 7-digit LED display for inlet current
Sensors	Sensor port for Temperature measurement via TS-0300 Temperaturue Probe

netBooter DU Series Compact Model SKUs

SKU	Form Factor	Outlets	Inlet Plug(s)	Outlet Type(s)	Voltage	Max Amps	Serial Port
NP-0201DU-USB	Compact	2	(1x) IEC 320 C14	NEMA 5-15R	100-120V	13A (10.4A)	USB
NP-0201DU-DB9	Compact	2	(1x) IEC 320 C14	NEMA 5-15R	100-120V	13A (10.4A)	DB9
NP-0201DUH-DB9	Compact	2	(1x) IEC 320 C14	IEC 320 C13	100-240V	13A (10.4A)	DB9

netBooter DU Series 1U Model SKUs

SKU	Form Factor	Outlets	Inlet Plug(s)	Outlet Type(s)	Voltage	Max Amps	Serial Port
NP-0501DU-USB	1U Strip	5	(1x) IEC 320 C14	NEMA 5-15R	100-120V	15A (12A)	USB
NP-0501DU-DB9	1U Strip	5	(1x) IEC 320 C14	NEMA 5-15R	100-120V	15A (12A)	DB9
NP-0801DU-USB	1U	8	(1x) IEC 320 C14	NEMA 5-15R	100-120V	15A (12A)	USB
NP-0801DU-DB9	1U	8	(1x) IEC 320 C14	NEMA 5-15R	100-120V	15A (12A)	DB9
NP-0801DUH-USB	1U	8	(1x) IEC 320 C14	IEC 320 C13	100-240V	15A (12A)	USB
NP-0801DU-G2-USB	1U	8	(2x) IEC 320 C14	NEMA 5-15R	100-120V	2× 15A (12A)	USB
NP-0801DU-G2-DB9	1U	8	(2x) IEC 320 C14	NEMA 5-15R	100-120V	2× 15A (12A)	DB9
NP-0801DUH-G2-USB	1U	8	(12x) IEC 320 C14	IEC 320 C13	100-240V	2× 15A (12A)	USB
NP-0801DUH-G2-DB9	1U	8	(12x) IEC 320 C14	IEC 320 C13	100-240V	2× 15A (12A)	DB9

netBooter DU Series 2U Model SKUs

SKU	Form Factor	Outlets	Inlet Plug(s)	Outlet Type(s)	Voltage	Max Amps	Serial Port
NP-1601-DU-USB	2U	16	(2x) IEC 320 C14	NEMA 5-15R	100-120V	2× 15A (12A)	USB
NP-1601-DU-A-USB	2U	16	(1x) IEC 320 C20	NEMA 5-15R	100-120V	20A (16A)	USB
NP-1601DUH-DB9	2U	16	(2x) IEC 320 C14	IEC 320 C13	100-240V	2× 15A (12A)	DB9

netBooter DU Series 0U Model SKUs

SKU	Form Factor	Outlets	Inlet Plug(s)	Outlet Type(s)	Voltage	Max Amps	Serial Port
NP-10DU-USB	0U	10	(1x) IEC 320 C14	NEMA 5-15R	100-120V	20A (16A)	USB
NP-10DU-DB9	0U	10	(1x) IEC 320 C14	NEMA 5-15R	100-120V	20A (16A)	DB9
NPB-20DU-USB	0U	20	(1x) IEC 320 C20	NEMA 5-15R	100-120V	20A (16A)	USB
NPB-20DUH-DB9	0U	20	(1x) IEC 320 C20	IEC 320 C13	100-240V	20A (16A)	DB9

Customizations

Customization	Applicable Models	Resultant SKU Format	Notes
Outlet Metering Current RMS (A) measurement on individual outlets	All 2 and 8 outlet netBooter DU Models	“01” portion of SKU becomes “02” (for 2 outlet PDUs) or “08” (for 8 outlet PDUs)	Example SKUs: - NP-0202DU-USB - NP-0808DU-G2-DB9
Energy Measurement High Fidelity Energy Measurement of the following inlet measurements: - Current RMS (A) - Voltage - Active Power - Apparent Power - AC Frequency - Phase Factor - kWh	All 8 outlet netBooter DU Models	Add “-E” suffix before “-USB” or “-DB9” suffix	Example SKUs: - NP-0801DU-E-USB - NP-0801DUH-G2-E-USB - NP-0808DU-G2-E-DB9
Attached Power Cords 2U and 0U models can be customized with a variety of attached power cords, including NEMA L5-20P, NEMA L6-20P, and other options.	All 2U and 0U models		Contact us with your specific requirements.

Accessories

SKU	Category	Description	Applicable Models
MB-1U-19-NB	Mounting	1U 19” Rack Mount Brackets (Pair)	All 1U and 1U Strip form factor models
MB-1U-23-NB	Mounting	1U 23” Rack Mount Brackets (Pair)	All 1U and 1U Strip form factor models
MB-2U-19-NB	Mounting	2U 19” Rack Mount Brackets (Pair)	All 2U form factor models
MB-0U-NB	Mounting	0U (Vertical) Rack Mount Brackets (Pair)	All 0U form factor models
MB-0U-TL-NB	Mounting	0U (Vertical) Tool-Less Button Brackets (Pairs)	All 0U form factor models
SPT-0901-000	Mounting	Multi-Mount Brackets (Pair). Mount PDUs to Walls or Benches.	NP-02* and NP-05* Models
MB-DIN-35	Mounting	Din Rail (35mm) Mounting Bracket	All NP-02B* Compact form factor models
SPT-3009-000	Cables	USB 2.0 A to A Cable	All netBooter models with USB serial ports
TS-0300-01	Sensors	Temperature Probe	All netBooter DU Models