

## Vertical Switched & Metered PDU NBB Series



# Vertical Mount Switched & Metered PDU for Secure Networks

### Power Control & Management:

- Remote Individual or Group Outlet Switching
- On/Off/Reboot/Default/Load Shed Switching
- Outlet Sequencing & Power Up Delays
- User-Defined Power-Up Default Status & Outlet Status Retention
- Plug Naming, Grouping & Access Control
- Scheduled On/Off/Reboot Switching
- Ping Watchdog with Auto Reboot

### Metering/Monitoring/Reporting:

- True RMS Current Metering
- Total or Branch Specific Metering
- Reports kWh, kW, Amps, Volts, Temperature
- Over-Current Alarms
- Current High and Low Alarms
- Over-Temperature Alarms
- Lost Voltage (Line In) Alarm
- Ping-No-Answer Alarm
- Invalid Access Lockout Alarm
- Power Cycle Alarm
- Circuit Breaker Open Alarm
- Alarm Notification via Email, SNMP, SYSLOG
- Alarm, Command, Access Audit, Current, Voltage, Watts and Temperature Logging

### In-Band/Out-of-Band Access:

- In-Band (10/100Base-T Ethernet Port)
- Out-of-Band (External Modem Ready)
- Local (RJ45 RS232 SetUp Port)
- Supports Both IPv6 and IPv4

### Security & Authentication:

- HTTPS, SSHv2, SNMPv3
- Transport Layer Security (TLS) v1.2
- IPsec / OpenVPN
- IPtables
- Two-Factor Authentication: RSA® Ready
- AAA: LDAP/Active Directory/Kerberos/RADIUS/TACACS+
- Embedded Validated FIPS 140-2 Cryptographic Module
- Port-Specific Password Protection
- Invalid Access Lockout & Alarm

### Unit Management:

- RESTful Web Services API
- DHCP/FTP/TFTP/SFTP/SCP
- CLI & Web-Based GUI
- Compatible with WMU Enterprise Management Software
- Multiple Concurrent SSHv2 Sessions
- Full MIB Support
- NTP for True Server Sync

## It's 3AM... Do you know what your equipment rack is doing?

Servers, routers and other network devices often behave like children; you can't just walk away, turn your back and expect everything to be OK while you're not looking.

WTI's NBB series vertical rack mount PDUs can help keep an eye on your network, and let you know when your equipment is acting up before things get completely out of hand. Knowing is only half the battle though, the NBB also allows you to automatically reboot outlets when an attached device ceases to respond, disable outlets to reduce current consumption or switch on cooling devices to lower rack temperature.

The NBB includes a robust selection of monitoring features, including event alarms, branch-specific metering and SNMP polling to help you keep tabs on vital network elements, avoid costly service calls and maximize up time.

The NBB can let you know when:

- Rack Temperature is Too High
- An Outlet is On, But the Attached Device is Off
- Your Power Supply has Been Interrupted
- Current Consumption Increases or Decreases
- Excessive Invalid Passwords are Attempted
- Devices Fail to Respond to Ping Commands
- A Circuit Breaker is Open



Model NBB-20VD30-1





# Vertical Switched & Metered PDU

## NBB Series



Model Number	Outlets	AC Voltage 50/60 Hz	Power Distribution	Input Feeds	Power Cord	Circuit Breakers	Dimensions
NBB-20VS20-1	(20) NEMA 5-15R	100-125V	2 kW* Total	(1) 20 Amp	Detachable**	(4) 20 Amp	W : 1.75" (4.445 cm) D : 3.5" (8.89 cm) H : 68.75" (174.625 cm) (0U)
NBB-20VS20-2	(20) IEC 60320 C13	100-250V	4 kW* Total	(1) 20 Amp	Detachable**	(4) 20 Amp	
NBB-20VS16-3	(20) IEC 60320 C13	200-250V	3.2 kW* Total	(1) 16 Amp	Detachable**	(4) 16 Amp	
NBB-20VS30-1	(20) NEMA 5-15R	100-125V	3 kW* Total	(1) 30 Amp	(1) NEMA L5-30P (10ft)	(4) 20 Amp	
NBB-20VS30-2	(20) IEC 60320 C13	100-250V	6 kW* Total	(1) 30 Amp	(1) NEMA L6-30P (10ft)	(4) 20 Amp	
NBB-20VS32-3	(20) IEC 60320 C13	200-250V	6.4 kW* Total	(1) 32 Amp	(1) IEC-60320 (Commando) (10 ft)	(4) 16 Amp	
NBB-20VD20-1	(20) NEMA 5-15R	100-125V	4 kW* Total	(2) 20 Amp	Detachable**	(4) 20 Amp	
NBB-20VD20-2	(20) IEC 60320 C13	100-250V	8 kW* Total	(2) 20 Amp	Detachable**	(4) 20 Amp	
NBB-20VD16-3	(20) IEC 60320 C13	200-250V	6.4 kW* Total	(2) 16 Amp	Detachable**	(4) 16 Amp	
NBB-20VD30-1	(20) NEMA 5-15R	100-125V	6 kW* Total	(2) 30 Amp	(2) NEMA L5-30P (10ft)	(4) 20 Amp	
NBB-20VD30-2	(20) IEC 60320 C13	100-250V	12 kW* Total	(2) 30 Amp	(2) NEMA L6-30P (10ft)	(4) 20 Amp	
NBB-20VD32-3	(20) IEC 60320 C13	200-250V	12.8 kW* Total	(2) 32 Amp	(2) IEC-60320 (Commando) (10 ft)	(4) 16 Amp	

\* 80% Derated    \*\* Sold Separately

Shipping Weight:	
NBB-20VS20/16 Models:	25 Lbs (11.3 Kgs)
NBB-20VS30/32 Models:	25 Lbs (11.3 Kgs)
NBB-20VD20/16 Models:	25 Lbs (11.3 Kgs)
NBB-30VD30/32 Models:	31 Lbs (14 Kgs)
Operating Temp:	32° F - 122° F (0° C - 50° C)
Humidity:	10 - 90% RH
Ethernet Port:	10/100 BaseT
SetUp Port:	RJ45, RS232C
Approvals:	UL, CE (230V units)

**For More Information:**  
**Call:** (800) 854-7226  
**Or Visit:** [www.wti.com](http://www.wti.com)

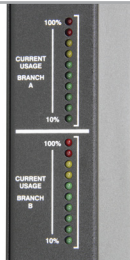
- ✓ 5 Year Warranty
- ✓ Stocked for Same Day Shipments
- ✓ In-House Design & Manufacturing
- ✓ Made In USA




### WMU - WTI Management Utility

The WMU is an enterprise software solution, included free with all NBB units. The WMU helps manage all your WTI devices from a single platform and provides the following capabilities:

- Easily discover all WTI devices by a specific IP or IP range
- Quickly launch SSH sessions to critical equipment
- Reboot troubled routers and other network gear
- Edit WTI usernames & passwords
- Assign asset tags to manage and identify WTI inventory
- Manage & upgrade firmware on all WTI devices

- Local Per Branch Metering LED w/ Threshold Alarm
- Remote Metering Status via CLI, Web Interface, SNMP



- Dual 30/20/16 Amp Models
- C20 Detachable Cable Inlets for Regional Cable Options
- Universal Mounting Brackets

# Vertical PDU Reboot & Meter

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