



Simply Better Connections

Remote Terminal Operation

PE & PG Series eco PDU
User Guide

Introduction


All PE Series and PG Series eco PDUs support Telnet access, which allows remote login from a computer for text-based device management. Telnet provides functionality similar to the web GUI.

For command reference, the eco PDU user manual can be downloaded from the ATEN website (www.aten.com). It may assist when navigating the command-line operations described in this guide.

If Telnet access is unavailable, ensure the firmware is updated to the latest version, available on the website.

Conventions

This manual uses the following conventions:

- | | |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monospaced | Indicates text that you should key in. |
| [] | Indicates keys you should press. For example, [Enter] means to press the Enter key. If keys need to be chorded, they appear together in the same bracket with a plus sign between them: [Ctrl+Alt]. |
| 1. | Numbered lists represent procedures with sequential steps. |
| ◆ | Bullet lists provide information, but do not involve sequential steps. |
| > | Indicates selecting the option (on a menu or dialog box, for example), that comes next. For example, Start > Run means to open the <i>Start</i> menu, and then select <i>Run</i> . |
|  | Indicates critical information. |

Telnet

Telnet access is enabled by default on units running the latest firmware. Login is available from any computer within the same network segment.

Setup

PE Series eco PDU Models with "-ATA"

For eco PDU models with "-ATA" in the model number, perform the following configuration via the web GUI:

1. Log in to the web interface.
2. Navigate to the **Setting** tab > **SNMP & Telnet Setting**.
3. Under **Telnet**, check **Enable Telnet Server**.
4. The default credentials are **teladmin** and **telpwd**. Set the desired username and password, then click **Save**.



Telnet:

Name: teladmin Password: *****

PE Series eco PDU Models with "-ATB" / PG Series eco PDU

For eco PDU models with "-ATB" in the model number, perform the following steps:

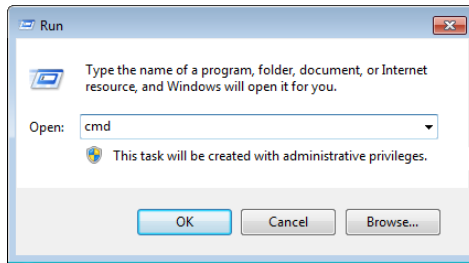
1. Access the eco PDU's web GUI and navigate to the **Setup** tab.
2. Select **Security** from the menu bar.
3. Under **Working Mode**, check **Enable Telnet Server**.
4. Configure the username and password if needed.
 - ♦ Default username: **teladmin**
 - ♦ Default password: **telpwd**
5. Click **Save** at the bottom of the page.

Note: If the *Enable Telnet Server* option is not available, please download the latest firmware from our website: www.aten.com.

Logging In

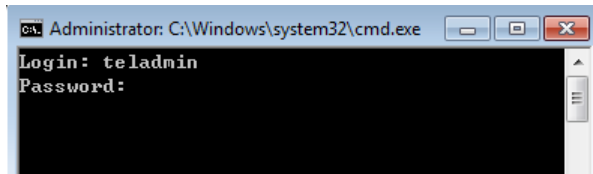
To log in to the eco PDU via Telnet, do the following:

1. On your computer, open the start menu and select **Run**.
2. In the box type `cmd` and click **OK**.



3. At the command prompt, key in `telnet` and the IP Address of the PDU, as follows:

```
telnet [IP Address]
```
4. Press **Enter**. The login screen appears:



5. At the login prompt, enter the default username: **teladmin**; and password: **telpwd**.

Note: The Telnet username and password can be configured on the User tab of the eco PDU's web GUI.

6. When the Telnet session is established, **Logged in successfully** appears along with the command line prompt.

Session Timeout

An active Telnet session is automatically terminated after 60 seconds of inactivity.

Telnet Command Set

The Telnet command-line interface provides access to key functions also available under the Energy tab of the web GUI. Supported commands for status monitoring and configuration are detailed in the following sections.

For reference to web-based functions, consult the eco PDU user manual available at www.aten.com.

A Telnet session can be closed by issuing the quit command or simply closing the terminal window. Sessions will be automatically disconnected after 60 seconds of inactivity.

Command availability may vary depending on the eco PDU model and its supported features. Refer to the product user manual for details on feature sets and compatibility.

Verification

After sending an incorrect command, a verification message appears at the end of the command line.

Read Power Outlet Status

The `read status` command retrieves the power status of a specific outlet on the eco PDU via Telnet.

Command Format

`read status + sXX + oXX + [option] + [Enter]`

- ♦ `sXX`
Station number.
(Default = `s01` if omitted.)
- ♦ `oXX`
Outlet number.
- ♦ `option`
Return string format. Available values:
 - ♦ `simple`: returns a simplified response
 - ♦ `format`: returns a detailed response
- ♦ `[Enter]`
Carriage return and line feed to complete the command.

Note: 1. Each segment must be separated by a space.

e.g., `read status s01 o01 simple`

2. The parameter `s01` is not supported on eco PDU models with "-ATA" in the model number.
-

Example Commands

Command	Description
<code>read status o01 simple</code>	Retrieves the status of outlet 01 using the simple return string.
<code>read status s02 o12 format</code>	Retrieves the status of outlet 12 on station 02 using the format return string.

Return Values

Return	Meaning
SS	For simple: on, off, pending, or pop
Outlet XX SS	For format: status with outlet number
Command incorrect	Syntax error
Parameter out of bounds	Invalid outlet or station number Note: Not supported on eco PDU models with "-ATA"

Switch Power Outlet Status

The `sw` command switches the power status of a specific outlet on the eco PDU via Telnet.

Command Format

`sw + sXX + oXX + option + method + [Enter]`

- ♦ `sXX`
Station number.
(Default = `s01` if omitted.)
- ♦ `oXX`
Outlet number.
- ♦ `option`
Outlet switching method:
 - ♦ `imme`: switch immediately, without pre-configured delay
 - ♦ `delay`: switch with pre-configured delay time
- ♦ `method`
Power control operation:
 - ♦ `on`: turn outlet ON
 - ♦ `off`: turn outlet OFF
 - ♦ `reboot`: turn OFF, then turn ON
- ♦ `[Enter]`
Carriage return and line feed to complete the command.

Note: 1. Each segment must be separated by a space.

e.g., `sw s01 o01 imme on`

2. The parameter `s01` is not supported on eco PDU models with "-ATA" in the model number.

Example Commands

Command	Description
<code>sw o01 imme on</code>	Turns outlet 01 ON immediately.
<code>sw s02 o03 delay off</code>	Turns outlet 03 OFF on station 02 with delay.
<code>sw s01 o04 reboot</code>	Reboots outlet 04 on station 01.

Return Values

Return	Meaning
Outlet<XX> command is setting	Command executed correctly
Command incorrect	Invalid command syntax
Parameter out of bounds	Invalid outlet number

Read Power Measurement Value

The `read meter` command retrieves power measurement values from the specified device, bank, or outlet via Telnet.

Command Format

```
read meter + sXX + <target> + oXX + <value> +  
[option] + [Enter]
```

- ♦ `sXX`
Station number.
(Default = `s01` if omitted.)
- ♦ `<target>`
Measurement target:
 - ♦ `dev`: Device
 - ♦ `bnk`: Bank
 - ♦ `olt`: Outlet
- ♦ `oXX`
Target number. For example:
 - ♦ Device = `dev` (target number not used)
 - ♦ Bank = `bnk` + `o01`, `o02`...
 - ♦ Outlet = `olt` + `o01`, `o02`...
- ♦ `<value>`
Value type:
 - ♦ `curr`: Current
 - ♦ `volt`: Voltage
 - ♦ `pow`: Power
 - ♦ `pd`: Power Dissipation
 - ♦ `pf`: Power Factor

Note: The parameter `pf` is not supported by all eco PDU models.
Refer to the *Appendix*, page 16 for the list of supported models.

- ♦ `freq`: Frequency

Note: The `freq` parameter is not supported on all models. See the *Appendix*, page 16 for supported units.

- ♦ option
Response format (optional):
 - ♦ format: Detailed format string
 - ♦ simple: Basic response string
 - ♦ [Enter]
Carriage return and line feed to complete the command.
-

Note: 1. Each segment must be separated by a space.
e.g., `read meter s01 olt o01 curr simple`

2. The parameter `s01` is not supported on eco PDU models with "-ATA" in the model number.

Example Commands

Command	Description
<code>read meter dev curr format</code>	Reads current from the device in format mode.
<code>read meter s02 bnk o01 pow simple</code>	Reads power from bank 01 on station 02.
<code>read meter olt o03 freq format</code>	Reads frequency from outlet 03 in format mode.

Return Values

Return	Meaning
VVV	Simple response: VVV is the measurement value
TT:VVV	Format response: TT indicates type (C, V, POW, PD, PF, FREQ)
Command incorrect	Invalid command syntax
Parameter out of bounds	Target number out of valid range
Not Support	Measurement type not supported by the device

Read Environmental Sensor Value

The `read sensor` command retrieves temperature, humidity, and pressure values from environmental sensors via Telnet.

Command Format

```
read sensor + sXX + oXX + [option] + [Enter]
```

- ♦ `sXX`
Station number.
(Default = `s01` if omitted.)
- ♦ `oXX`
Sensor number.
- ♦ `option`
Response format (optional):
 - ♦ `format`: Detailed format string
 - ♦ `simple`: Basic response string
- ♦ `[Enter]`
Carriage return and line feed to complete the command.

Note: 1. Each segment must be separated by a space.

e.g., `read sensor s01 o01 simple`

2. The parameter `s01` is not supported on eco PDU models with "-ATA" in the model number.
-

Example Commands

Command	Description
<code>read sensor s01 o01 format</code>	Retrieves all available readings from sensor 01 in format mode.

Return Values

Return	Meaning
tttt hhhh pppp	Simple response: <ul style="list-style-type: none">♦ tttt: temperature value or N/A♦ hhhh: humidity value or N/A♦ pppp: pressure value or N/A
T:tttt H:hhhh P:pppp	Format response: <ul style="list-style-type: none">♦ T: temperature value or N/A♦ H: humidity value or N/A♦ P: pressure value or N/A
Command incorrect	Invalid command syntax
Parameter out of bounds	Sensor number out of valid range

Close Telnet Connection

The `quit` command closes the current Telnet session.

Command Format

`quit + [Enter]`

- ♦ `quit`
Terminates the Telnet connection.
- ♦ `[Enter]`
Carriage return and line feed to complete the command.

Note: 1. Each segment must be separated by a space.
2. The parameter `s01` is not supported on eco PDU models with "-ATA" in the model number.

Example Commands

Command	Description
<code>quit</code>	Closes the Telnet session

Return Values

Return	Meaning
<code>Goodbye!</code>	Connection successfully closed
<code>Command incorrect</code>	Invalid command syntax

Appendix

This appendix lists the eco PDU models that support specific Telnet parameters related to power factor (`pf`) and frequency (`freq`). Support varies by measurement target (Device / Bank / Outlet) and is listed accordingly.

Models not listed are not compatible with the corresponding parameter in Telnet commands.

Parameter Target	Supported Models
Device PF	N/A
Bank PF	
Outlet Freq	
Outlet PF	PE8324T, PG8106KJA, PG98330B, PG98230G, PG98230B, PG98330B2, PG98230B2, PE8208Z, PE8208GE, PG8308G, PG8208G, PG8308B, PG8308A, PG8208B, PE8336J PG9208A, PG8108A, PG8108B, PG8108G, PE8136J, PE8208Z, PE8208AV, PE8208G PE8208AV, PE8208B, PE3208Z1, PE8208A, PE8108A, PE8108B, PE8108G, PE3208Z2 PE8324G, PG98330G, PE8324G2, PE8324G3, PE8324B, PE8324J, PE8216B, PE8216G, FSP-PDU17208C
Bank Freq	PE8324T, PG98330B, PG98230G, PG98230B, PG98330B2, PG98230B2, PG96330G PG96330B, PG96330B2, PG96230G, PG96230B, PG96230B2, PG95330G, PG95330B, PG95330B2, PG95230G, PG95230B, PG95230B2, PG8308G, PG6308G, PG5308G PG8308G, PG8308A, PE8336J, PG6308B, PG6308A, PG5308B, PG5308A, PE8324G, PE98330G, PE8324G2, PE8324G3, PE8324B, PE8324J
Device Freq	PG8106KJA

Note:

Last updated: July 2025. Model support is subject to change in future firmware releases.

ATEN Warranty Policy

The warranty policy may vary by product category and region of purchase. For details, please visit ATEN's official website, select your purchase countries/ regions and then go to the Support Center, or contact your local ATEN sales representative for further assistance.

© Copyright 2025 ATEN® International Co., Ltd.
Released: 2025-07-25

ATEN and the ATEN logo are registered trademarks of ATEN International Co., Ltd. All rights reserved. All other brand names and trademarks are the registered property of their respective owners.