

You must be logged in as a Product Master to configure user accounts.

NOTE: If you lose your meter's webpage user access information, contact Technical Support.

1. Click **Settings > User Accounts**.
2. Configure the parameters as appropriate for each user.
3. Click **Save changes** to send and save the new settings to the meter.

User account settings available using the webpages

Parameter	Description
Name	Lists the current usernames for accessing the meter. You can add a new user by typing the username in a blank cell. To remove an existing user, select the name and press DELETE on your keyboard.
Password ³	Lists the current password associated with each user. After adding a new username, type a password to associate it with the username. As you enter characters for your password, the status bar changes to indicate the password strength (weak, medium, strong or very strong). Re-type the password in the Confirm Password field.
Group	Select the group the username belongs to: <ul style="list-style-type: none"> • Web User • Web Master • Product Master NOTE: You must have at least one Web Master and one Product Master. User 1 must be a Web Master and user 2 must be a Product Master.
Language	Select the language the webpages are displayed in for the selected username.

Reading device registers using the webpages

You can use the webpages to read a specified block of Modbus registers from the meter or from a slave device when the meter is acting as a gateway.

1. Navigate to **Diagnostics > Registers > Read Device Registers**.
2. Type the address of the device you want to read in the **Device ID** field.
3. Enter values in the **Starting Register** and **Number of Registers** fields.
4. Select data format of the registers you want to read from the **Data Type** field.
5. Select the number format that you want to display the value of the registers in: Decimal, Hexadecimal, Binary, ASCII or Float.
6. Click **Read**.

Go to www.se.com and search for your meter's Modbus register list to download a copy.

Webpages (New)

Applicability

This section is only applicable for the meter models and their firmware versions as shown in the table:

Meter models	Firmware version
PM5560 / PM5562 / PM5563 / PM5580	4.0.0 and above
PM5570 / PM5660 / PM5760	6.0.0 and above

3. Always record changes or additions to the username and password list and store the list in a safe place.

Meter models	Firmware version
PM5650	4.10.0 and above
PM5561	12.0.0 and above
PM5661 / PM5761	14.0.0 and above

Webpages overview

The meter's Ethernet connection allows you to access the meter so you can view data and perform some basic configuration and data export tasks using a web browser.

The recommended browsers to use for viewing the webpages from the meter are Microsoft Edge, Google Chrome, Mozilla Firefox, and Apple Safari.

⚠ WARNING

INACCURATE DATA RESULTS

- Do not rely solely on data displayed on the display or in software to determine if this device is functioning correctly or complying with all applicable standards.
- Do not use data displayed on the display or in software as a substitute for proper workplace practices or equipment maintenance.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Webpages interface

Your meter comes with default webpages.

The graphic below is a representative sample that shows the typical elements. Your meter's webpages may appear differently than shown.

Parameter	Minimum	Present	Maximum
Load Current(A)			
Ia	0.00	0.00	0.00
Ib	0.00	0.00	0.00
Ic	0.00	0.00	0.00
In	0.00	0.00	0.00
Ig	0.00	0.00	0.00
I Avg	0.00	0.00	0.00
Power			
Real(kW)	0.00	0.00	0.00
Reactive (kVAR)	0.00	0.00	0.00
Apparent (kVA)	0.00	0.00	0.00
Power Factor Total	***	***	***
Voltage			
Vab	0.00	0.00	0.00
Vbc	0.00	0.00	0.00

A	Meter brand and model	D	Webpage menu
B	Username	E	Webpage content
C	Main menus		

Accessing the meter webpages

NOTE:

- The webpages are accessed through the meter's Ethernet port so it must be configured properly.
- It is mandatory to change the default password when you access the webpages for the first time. You cannot browse through the webpages without the default password change.
- The password must contain between 8 and 16 characters with at least 1 number, 1 capital letter and 1 special character.

1. Open a web browser and enter the meter's IP address in the address box.
2. Enter the **Username** (default: **Administrator**) and **Password** (default: MAC address which is unique for each meter).

NOTE: Enter the MAC address of the meter without colon in capital letters (For example: if the MAC address of the meter is 00:80:f4:02:14:38, then password is 0080F4021438).

⚠ WARNING

POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY

Recommended to change the default password.

Failure to follow these instructions can result in unauthorized personnel accessing the web pages.

3. Click **Login**.
4. Use the menus and tabs to select and display the meter's various webpages.
NOTE: If the user session is inactive for a period of 10 minutes or more, the session gets timed-out and you need to re-login to access the webpages.
5. Click **Logout** to exit the meter webpages.

Default webpages

The meter has a comprehensive set of default webpages that enable you to view basic energy and power quality values, I/O and alarm information, and data and maintenance logs.

In addition, you can use the webpages to configure a variety of settings.

Home

This is the default tab when you access the meter webpages. This tab allows you to view the **Device Identification** parameters as shown in the following table:

Parameter	Description
OEM Name	Name of the Original Equipment Manufacturer (OEM) Schneider Electric
OEM URL	URL link of the OEM www.se.com
Firmware Version	Existing firmware version including OS (Operating System), RS (Reset System), language version and communication card version
FPGA Version	Existing FPGA version

Parameter	Description
Product Range	Name of the device type
Product Model	Device model number
Serial Number	Device serial number
Manufacturing Date & Time	Date and time when the device was manufactured

Monitoring

This tab allows you to navigate to the following menus to view the webpage content:

Webpage menu	Description
Basic Readings	<ul style="list-style-type: none"> Basic readings such as load current, power, power factor total, voltage and frequency(Hz). Demand current (A) and demand power values, including last, present and peak along with the date time at peak and date time of the last reset. Accumulated energy values and the date time of the last reset.
Residual Current*	Displays the instantaneous residual current measurement values.
Power Quality	THD and unbalance values for current and voltage.
Active Alarms	List of active (unacknowledged) alarm events with the date and timestamp for each event, the value that triggered the alarm (e.g., pickup) and a description of the event type. NOTE: You can click the Update button to refresh the active alarms list.
Alarm History	Historical list of (acknowledged) alarm events with the date and timestamp for each event, the value that triggered the alarm (e.g., pickup) and a description of the event type. NOTE: You can click the Update button to refresh the alarm history list.
Inputs/Outputs*	Displays the current status of the digital inputs/outputs and analog inputs.
Data Log	A list of timestamps data recorded in the meter's data log (energy delivered in kWh, kVARh and kVAh). NOTE: You can click the Update button to refresh the data log list.
Waveforms*	Displays the waveform capture records caused due to sag/swell events.

*Available in specific meter models. Refer to Features differentiation matrix for PM5500 / PM5600 / PM5700 series, page 20 for the availability.

Diagnostics

This tab allows you to view the following webpages:

Webpage menu	Webpage submenu	Description
General	Date/Time	Displays the meter's current date, time and the meter's last boot time.
	Meter Status	Displays the meter diagnostics status.
Communication	Ethernet	Displays the Ethernet global statistics. NOTE: You can click the Reset button to reset the Ethernet global statistics.
	IP Network Services	Displays the Modbus TCP port and SMTP client statistics. NOTE: You can click the Reset button to reset the Modbus TCP port and SMTP client statistics.
	Read Device Registers	Allows you to read a specified block of Modbus registers from the meter or from a slave device when the meter is acting as a gateway.

Maintenance

This tab allows you to view the following webpages:

Webpage menu	Webpage submenu	Description
Maintenance Log	Maintenance Log	Displays the maintenance log parameters with record of meter events, and in particular, changes to the meter setup. Each event is date and timestamped. The Event Type field provides a brief description of what changed and the Event Cause specifies what triggered the event. NOTE: Click the Update button to refresh the maintenance log list. You can also click the Next 10 Records or Previous 10 Records to check the maintenance log records.
Upgrade	Firmware	Allows you to upgrade firmware for your meter (Refer to <i>Firmware upgrade using webpages</i> , page 208).
	Upgrade Status	Displays the last firmware upgrade status of the meter.

Settings

This tab allows you to view the following webpages:

Webpage menu	Webpage submenu	Description
Security	Product Certificate	Displays the product certificate details. Allows you to create self-signed certificate of the product. NOTE: You need to re-login to the webpages to view the changes applied (create certificate changes).
Communication	Serial Port Configuration	Allows you to configure serial port and advanced serial port settings.
	Ethernet Settings	Allows you to configure Ethernet settings.
	Advanced Ethernet Settings	Allows you to configure the advanced Ethernet, FTPS and HTTPS settings.
	Date Time Settings	Allows you to configure time synchronization and time settings manually.
	IP Filtering	Allows you to set the level of access for each configured IP address, as well as for anonymous IP addresses. NOTE: By default, the Enable Filtering option is disabled.
	DPWS Settings	Allows you to enable or disable DPWS.
	SNMP Settings	Allows you to configure the SNMP and SNMP trap parameters.
	DNP3 Settings	Allows you to enable or disable DNP3.
	EtherNet/IP Settings	Allows you to enable or disable EtherNet/IP.
	BACnet/IP Settings	Allows you to configure BACnet/IP settings.
	Email On Alarm Settings	Allows you to configure the Email on alarm settings.
	PM55x3RD Remote Display*	Allows you to configure PM5563 meter with PM5RD device hardware version.
User Management	User Accounts	Allows you to add user accounts, delete user accounts, reset user account password, assign user role, and terminate user account sessions.

*Available only in PM5563 meter model.

User accounts

The meter users are assigned with usernames and passwords. Each user is assigned with a role to access the webpages by the administrator.

There are two pre-defined user accounts:

- **Administrator** (default password is MAC address which is unique for each meter)

NOTE: Enter the MAC address of the meter without colon in capital letters (For example: if the MAC address of the meter is 00:80:f4:02:14:38, then password is 0080F4021438).

- **Guest** (default password is **Powerlogic@1**)

⚠ WARNING

POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY

- Change default passwords at first use to help prevent unauthorized access to device settings, controls, and information.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

In a continuous effort to encourage users on the awareness about the cybersecurity best practices and the meters more cyber secure in their applications, the users are forced to change the default factory-set password to a complex password.

Changing user account password

NOTE: When you change your user account password, the user sessions get terminated and you need to re-login to access the webpages.

NOTICE

LOSS OF ACCESS

Record your device's user and password information in a secure location.

Failure to follow these instructions can result in data loss and loss of access to the device.

NOTICE

LOSS OF DATA OR PRODUCT CONFIGURATION

Do not let unauthorized personnel gain physical access to the device.

Failure to follow these instructions can result in data loss and loss of access to the device.

1. Click the user account on the top right corner of the webpage.

2. Click **Change Password** button.

The **Password Modification** window opens.

3. Enter the **Old Password**, new **Password** and **Confirm Password**.

NOTE: The password must contain between 8 and 16 characters with at least 1 number, 1 capital letter and 1 special character.

4. Click **Apply Changes** to save your new password.

Roles

Webpages access permissions are based on roles. You must be an administrator to assign user access roles.

User account	Password	Role	Access
Administrator	MAC address which is unique for each meter NOTE: Enter the MAC address of the meter without colon in capital letters (For example: if the MAC address of the meter is 00:80:f4:02:14:38, then password is 0080F4021438).	Administrator	Full access to all webpages and its features with read/write permission. NOTE: Forced to change the default password for system security the first time you log in.
Guest	Powerlogic@1	Guest	Read only access to Home , Monitoring , Diagnostics and Maintenance tabs to view or monitor the data. NOTE: <ul style="list-style-type: none"> Forced to change the default password for system security the first time you log in. No modify access to Firmware Upgrade and Settings

Adding user accounts for webpages

In addition to the **two default** user accounts, you can create up to **4** user accounts.

NOTE:


- If the **Username** or **Password** credentials of the **Administrator** user account are lost, you can reset using another **Administrator** user account.
- You can reset the webpage user account via meter HMI, if the **Username** or **Password** credentials of the **Administrator** user account are lost (Refer to Performing user account resets using the display, page 145).

- Click **Settings > User Management > User Accounts**.
- In the **User Accounts** section, click **Add User**.
The **Add User** section opens.
- Enter the **Username**, **Password** details and assign the user a **Role**.
- Click **Apply Changes** to save your changes to the meter.

Parameter	Description
Username	Enter a name (1 to 15 characters) for a new user. NOTE: Username is case-sensitive and can contain special characters.
Password	Enter a password (8 to 16 characters) for a new user. NOTE: The password must contain between 8 and 16 characters with at least 1 number, 1 capital letter and 1 special character.
Confirm Password	Confirm the password.
Role <ul style="list-style-type: none"> Administrator Guest 	Assign a role for the user.


Deleting user account

NOTE: You must have **Administrator** role access to delete the user accounts.

1. Click **Settings > User Management > User Accounts**.
2. In the **User Accounts** section, click  icon.
The **User Deletion** dialog box opens.
3. Click **Yes** to delete the user account.


Edit user account details

NOTE: You must have **Administrator** role access to change the user account password and assign role to the user:

1. **User account password reset:**
 - a. Click **Settings > User Management > User Accounts**.
 - b. In the **User Accounts** section, click  icon.
The **Edit User** section opens.
 - c. Enter the **New Password** and **Confirm Password** details.

NOTE: The password must contain between 8 and 16 characters with at least 1 number, 1 capital letter and 1 special character.
 - d. Click **Apply Changes** to save your changes to the meter.
2. **Assigning user role:**


NOTE: To assign role to the user, you must also reset the password.

 - a. Click **Settings > User Management > User Accounts**.
 - b. In the **User Accounts** section, click  icon.
The **Edit User** section opens.
 - c. From the drop-down list, assign the **Role** to the user.
 - d. Enter the **New Password** and **Confirm Password** details.

NOTE: The password must contain between 8 and 16 characters with at least 1 number, 1 capital letter and 1 special character.
 - e. Click **Apply Changes** to save your changes to the meter.

Terminating user account sessions

NOTE: You must have **Administrator** role access to terminate the user account sessions.

1. Click **Settings > User Management > User Accounts**.
2. In the **User Accounts** section, click  icon.
The **Terminate User Sessions** dialog box opens with the warning message **"Are you sure you want to terminate sessions ? This will terminate all active sessions for the user"**.
3. Read the warning message and click **Yes** to terminate the user account sessions.

Reading device registers using the webpages

You can use the webpages to read a specified block of Modbus registers from the meter or from a slave device when the meter is acting as a gateway.

1. Navigate to **Diagnostics > Communication > Read Device Registers**.
2. Type the address of the device you want to read in the **Device ID** field.
3. Enter values in the **Starting Register** and **Number of Registers** fields.
4. Select the data format of the registers from the **Data Type** field that you want to read in: **Holding Registers**, **Input Registers**, **Output Coils**, **Input Coils**.
5. Select the number format from the **Display Option** field that you want to display the value of the registers in: **Decimal**, **Hexadecimal**, **Binary**, **ASCII** or **Float**.
6. Click **Read**.