



A comprehensive
guide to your...

smartMETER

SIMPLE. FAST. INFORMATIVE.

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How to use your new Smart Meter

ATTENTION!

Your new Smart Meter is not equipped with a residual current device and therefore does not replace any safety devices currently installed on your domestic electricity installation.


SAFETY FIRST!


Always ensure that the main switch is in the off position before carrying out any works on your electrical installation.

A quick look at the meter

The switch **(1)** at the bottom centre of the meter is used to switch the electricity supply on or off.

In the bottom left-hand corner of the display you will find one of the following symbols:

 Symbol **L 1** means that the meter is energised; if the circuit breaker is ON you have power.

 If Symbol **∇** is displayed and you still have electricity ignore the warning. If on the other hand you do not have supply, check whether your meter circuit breaker and main switch is on or off. If the switch is on and you do not have a supply call Enemalta Faults on 2122 3601.

The display cycles information automatically. Alternatively you can cycle through the display by pressing the button on the right of the display **(2)**.



When the two red consumption indicator LEDs **(3)** on the left of the display flash, electricity is being consumed. The optical interface **(4)** is on the right underneath the round button. This is used only by qualified personnel to service the device when necessary.

Learning to read the display and discovering all the functions of the meter

The display automatically shows useful information. You can also cycle through the menu by:

- Repeatedly pressing the button **(2)** on the right of the display.
- Keeping the button pressed for 5 seconds and then releasing to show an **Explanation of Symbols**. Each subsequent press of the button will show an explanation of the symbols in use.



METER DISPLAY SHOWS	EXPLANATION
Inst. Power	(Instantaneous Power) Shows the average power demanded in kilowatts during the previous 2 minutes. This value is calculated and updated automatically every 2 minutes.
Consumption	This introduces the consumption information menu.
Total	Total consumption since installation of meter. This is equivalent to the display of the old meter you used to have.
Current Period	This introduces the variables for the current billing period (when introduced).
Today	Today's consumption from midnight to the current time.
Tx Read	Your consumption in kWh for the tariff applicable to you.
Tx P Max	The maximum demanded power used during the current period for the tariff applicable to you.
Export Informat. Total	The energy you fed back into the grid by means of PV panels, wind turbine, etc. (where applicable).
Active Tariff Tx	The normal 24hr tariff you are on.
Date, time, Freephone number, email address, etc., as per display	

ADDITIONAL MESSAGES IF YOU EXCEED THE MAXIMUM POWER ALLOWED

If you exceed the maximum power allowed the Smart Meter will perform checks after 2, 32 and 62 minutes and will display the following messages:





















Reduce Load Power exceeded by (pct) xx	The first warning that you are exceeding the standard power (9.2kW) load by the percentage (pct) displayed.
Risk Disconnect Power exceeded by xx pct	You have continued exceeding the standard power by the percentage (pct) displayed and you are now risking disconnection in the next 30 mins if you do not lower the power you are using.
Disconnection	Your supply has been disconnected. Lower the power and switch on the circuit breaker.

More intelligent consumption

Electricity is a precious resource which must be used wisely. For your information and in order to enable you to take responsible decisions about your electricity consumption patterns, please note the average power requirements of typical household appliances.

Typical Power Ratings for the main types of electrical appliances

The following table will help you to verify the power rating for each type of electrical appliance, keeping in mind that there can be significant differences between similar appliances (for example a professional hair dryer as against a travel hair dryer).

APPLIANCE	RATING (WATTS)
 Hair Dryer	500 – 1800
 Vacuum Cleaner	700 – 1900
 Air Conditioner	700 – 1200
 Iron	1000 – 2200
 Oven	1800 – 2800
 Microwave Oven	700 – 1500
 Refrigerator	100 – 300
 Liquidiser	100 – 500
 Electric Grill	1300 – 1800
 Halogen Lamp	25 – 500
 Dish Washer	2000 – 2200
 Washing Machine	1850 – 2700
 Food Mixer	300 – 800
 Electric water heater (geyser)	1000 – 1200
 Stereo	150 – 300
 Electric Heater	1000 – 2000
 Television	100 – 595
 Toaster	500 – 900
 Dehumidifier	500 – 750
 Jacuzzi	800 – 2500

