

- Page 11: Occurrence date of cumulative maximum demand
- Page 12: Current year average power factor
- Page 13: Current Time on the Meter
- Page 14: Current Date on the Meter
- Page 17: No. of resets of cumulative 3 phase active energy register
- Page 18: Red Phase current in Amp
- Page 19: Yellow Phase current in Amp
- Page 20: Blue Phase current in Amp
- Page 21: Red Phase voltage in Volts
- Page 22: Yellow Phase voltage in Volts
- Page 23: Blue Phase voltage in Volts
- Page 24: Instantaneous power factor for the three phases
- Page 25: Meter ID = Customer ID = Meter Number
- Page 26: Page for Error Codes

Error Screens as seen on the UIU

- Err1 → Either faulty battery or No battery
- Err2 → Phase Sequence Error
- Err3 → Terminal Cover Open
- Err4 → Alarm indicating Low Credit (Money) or Days
- Err5 → Overload
- Err6 → Over Voltage
- Err7 → Reverse Operating Condition
- Err8 → Faulty Earth Connection
- Err9 → Relay Open resulting in no electricity flow (Call ECG for Attention)

Faults or More Information

Any complaint or problem encountered may be directed to the ECG District Office that serves your area or

Call 0302-611611



ELECTRICITY COMPANY OF GHANA LTD.



USER MANUAL FOR ELECTRO-CASH II THREE PHASE (SPLIT TYPE) PREPAYMENT METER

With the electro-Cash II Split Prepayment meter:

You decide on how much money you want to commit to your electricity consumption

- ▶ No more bills
- ▶ No more risk of disconnection
- ▶ You cannot be a debtor in ECG's books
- ▶ You can use electricity wisely and reduce your expenditure on it
- ▶ If you are a landlord, your tenant who moves out of residence cannot leave behind an unpaid bill

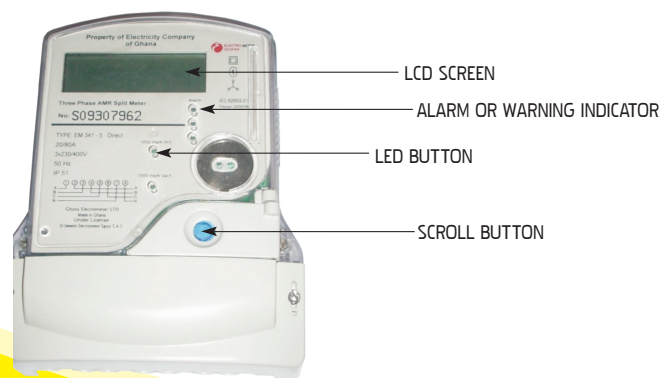
Electro-Cash II Split Prepayment Meter

The Electro-Cash II Split prepayment meter is made up of two (2) parts: The Energy Management Unit (EMU) and the User/Customer Interface Unit (UIU/CIU).

The EMU may be mounted either on the service pole, fascia or wall of the premises while the User Interface Unit can be plugged into any socket outlet in the premises

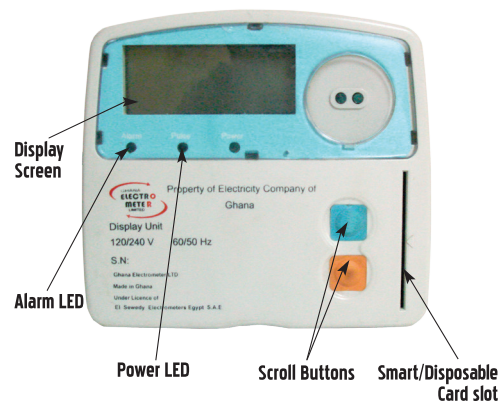
Electro-Cash II Prepayment Meter: Energy Management Unit (METER)

1. LCD: Alternatively displays Total Units Consumed, Total Credit Balance remaining and any indicated message
2. Alarm/Warning Indicator: Indicates Low credit level, or the occurrence of any meter tampering
3. LED Button: Blinking indicates the rate of electricity consumption
4. Scroll Button: This allows for the display of other very important messages on the LCD



User Interface Unit (UIU) or Customer Interface Unit (CIU)

The User Interface Unit reflects the data inside the meter and is also used for recharging the meter using the smart or disposable card. Its main features are described subsequently.



Display Screen

The display screen is for showing data in the meter

Alarm LED

Blinking of the alarm LED is accompanied by an audible sound indicating low credit in the meter. The audible sound is turned off by pressing any of the scroll buttons. The sound will repeat after every ten (10) hours unless the problem has been resolved

Power LED

This light appears whenever the User Interface Unit is plugged into any power socket outlet

Scroll Buttons (Blue and Red)

These two switches are used respectively to scroll (up or down) through data available

Smart Card/Disposable Card Slot

Slot in your Smart Card or a Disposable Card to recharge the meter

Operational Instructions

1. Plug your User Interface Unit into any socket outlet in the premises to update the data in the meter
2. Insert the Smart card into the card slot on the User Interface Unit to charge your meter and pull it out after the sharp beep sound or "Card Out" message on the display screen
3. The Display Unit finishes updating the meter when the Alarm LED goes off
4. When your credit reduces to the minimum level, the Display Unit will give you an audible alarm and the Alarm LED will be blinking with "Err 04" showing on the LCD.
5. Press any of the Scroll Buttons to deactivate the audio alarm. This alarm will sound again after 10 hours if the problem has not been attended to.
6. You must recharge the card from an ECG Vending Point before your credit reduces to the minimum.
7. Remember to insert your card in to the card slot on the Display Unit and pull it out before taking it to the Vending Station to recharge it.
8. Always keep the Display Unit plugged into the power socket to automatically update information from the Meter every 24hours.

Meter Pages

- Page 1: Estimated Total electricity Units (kWh) in the meter
- Page 2: Actual Cash deposit remaining in the meter
- Page 3: Total kVArh
- Page 4: Total kVA
- Page 5: Total Consumption of electricity in the Reverse direction
- Page 7: Total Maximum demand for the month
- Page 8: Current Month Average Power factor
- Page 9: Current year of Maximum demand since the installation of the meter
- Page 10: Occurrence time of the cumulative maximum demand