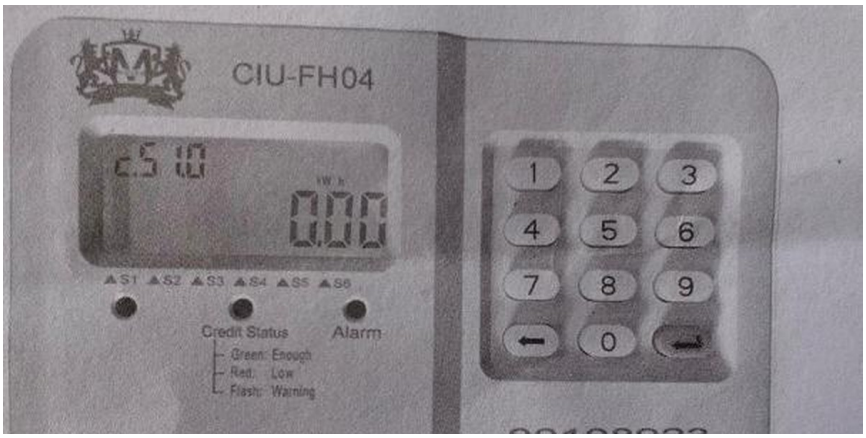
Guide C: Mojec CIU (Model CIU-FH04)

Made in Nigeria by Mojec International Limited. The CIU (Customer Interface Unit) talks to the meter by radio (RF) so you can check data and recharge from inside your home.

C1. Know Your CIU



The Mojec CIU-FH04

The front of the CIU has:

- An LCD display: a small 4-digit code area and a large 8-digit data area.
- A Balance (Credit Status) indicator light.
- An Alarm indicator light.
- A keypad with 0 to 9, a back/delete key and an Enter key.
- A nameplate area with the model and a barcode number.

C2. Description: Screen Symbols and Lights



The full LCD screen with every symbol lit

Symbol	What it tells you
Large 8 digits	The data: credit, energy, power and so on.
Small 4 digits	The code (OBIS) of the item being shown.
CREDIT, kWh, V, A, W, Hz	The unit that goes with the number on screen.
L1, L2, L3	Shows which supply phases have voltage.

Symbol	What it tells you
Right arrow	Energy flowing forward (normal use).
Left arrow	Energy flowing backward.
Switch closed	Relay connected: power is on.
Switch open	Relay disconnected: power is cut off.
Smiley face	Recharge succeeded.
Sad face	Recharge failed.
Triangles S1 to S6	Status indicators.

Credit status light

- Green: you have enough credit.
- Red: credit is low.
- Red flashing: warning. Recharge now.

C3. Short Codes

Type the 3-digit code, then press Enter. You must be within about 100 to 140 metres of the meter.

Code	What it shows
009	Balance credit (your balance)
004	Total energy used (forward active energy)
404	Energy used yesterday
448	Energy used this month so far
435	Energy used last month
032	Total amount charged so far
040	Credit amount
200 / 201	Date / time of your last recharge
202	Amount of your last recharge
203	Your last recharge token
100	Your meter number
050	Power you are using right now
070 / 071	Current date / current time
007	Maximum power limit
072	Reason the relay operated
048	Emergency credit (borrow credit when stuck)
045	Cancel the audible alarm

Code	What it shows
046	Return to normal operating mode

C4. Token Recharge Process Flow

Pairing your CIU with your meter

1. Switch on the CIU.
2. Type your meter number on the keypad and press Enter.

Step by step

1. Buy your 20-digit token from your vendor or payment platform.
2. Type all 20 digits on the CIU keypad.
3. Press Enter.
4. A smiley face means the recharge worked. A sad face means it failed.
5. Press 009 then Enter to confirm your new balance.

Tracking your own consumption

- Daily: press 404 for yesterday's usage.
- Weekly: press 448 for this month so far.
- Monthly: compare 448 with 435 (last month).
- Often: press 009 to check your balance.

> *Metering Corner is an educational guide. For faults, disputes or tampering concerns, always contact your electricity provider. Visit jiderich.com for more.*