



1. Product Description

Thank you for buying our product **MURAQEB-Electricity Basic**.

MURAQEB-Electricity Basic consists of one Unit with display and comes in different models:

- 13A MK Socket
- 16A GR Socket
- 100A for main line monitoring
- 16A/32A Industrial Socket
- Other models are also available upon request



The display shows all the Electrical Attributes:

Voltage, Current, Power, Frequency,
PF & Energy Consumption (kWh).



2. Warranty

- Product warranty: 2 years.
- This product is warranted to be free of defects in material and workmanship during the warranty period starting from the date of purchase.
- This warranty does not extend to any defect, malfunction or failure caused by the below. In such cases, AFKAR DIGITAL shall not be liable for any replacement or any compensation caused by the incompliance or misuse of the device:
 - The misuse which is not complying with the Safe Operating Instructions.
 - Malfunction related to over-voltage/instability of the AC Electricity.



3. Safe Operation Instructions

Please read the Instructions for Safe Operation carefully before using this product.

- Keep the Unit out of reach from children or infirm persons.
- Take care while handling this product to avoid any mechanical or electrical damage.
- Ensure that the Unit is mounted in a stable position.
- **MURAQEB** is for Indoor use only. Outdoor use is strictly prohibited.
- DO NOT expose **MURAQEB** to rain as it will result in electrical hazards.
- DO NOT install **MURAQEB** in a dusty place.
- DO NOT expose **MURAQEB** to water or moisture.
- DO NOT expose **MURAQEB** to high intensity light sources (e.g., xenon flash or laser).
- DO NOT expose **MURAQEB** to heat from any source and DO NOT expose to fire.
- Clean the Unit using a dry cloth.
- Do Not try to open the Unit to avoid shock Hazards due to high Voltage AC240V
- Do Not try to open the Unit as this will result in cancelling Warranty
- Do Not try to install **MURAQEB** Power 100A (for main line) without the help of a qualified technician.
- Always press gently on the button positioned to the right of the display, pressing with force can potentially damage the meter.

4. Disposal

Do not dispose electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed in landfills or dumps, hazardous substances can leak into the groundwater and get into the food supply chain, damaging your health and well-being.

5. Compliance

CE / FCC (for MURAQEB-Power Pro and Advance Models)

6. Installing & Operating **MURAQEB Basic**

You can learn more about Installing & Operating **MURAQEB** by viewing the Tutorial Videos form our website:

<http://www.afkardigital.com> >> Products >> Mini Products



1. Open and check what is inside your **MURAQEB** box:
 - Product Description, Warranty, & Safe Operation Manual
 - **MURAQEB** Unit as per your model ordered, some models are shown below



2. Mounting of **MURAQEB**, Options are:
- Horizontal mounting on a clean surface
 - Vertical mounting on a D25 rail

Installing **MURAQEB** 13A-MK / 16A-GR

3. Connect the AC Plug to a power socket, then connect the device you want to monitor its Power and Energy Consumption to **MURAQEB** socket.

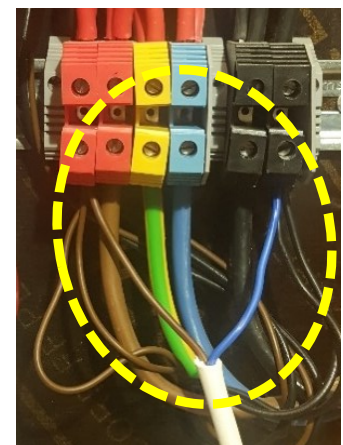
Installing **MURAQEB** 100A for Main Line



Warning: Do Not try to install MURAQEB Power 100A without the help of a qualified technician

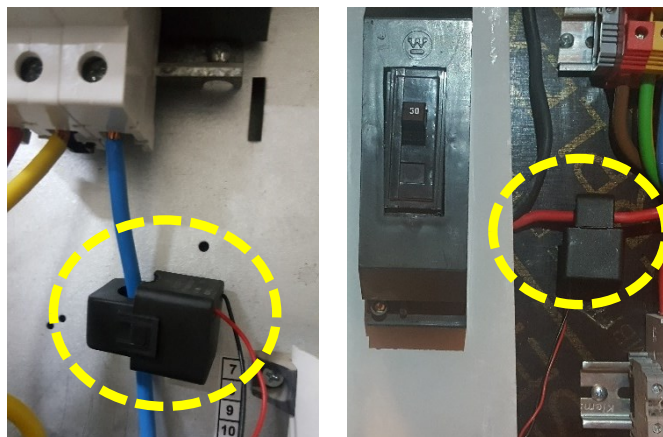
Warning: Disconnect electricity from the Main Breaker before starting installation

4. Connect the 2 wires of MURAQEB to AC220 Line & Neutral inside the MDB as indicated in picture aside.





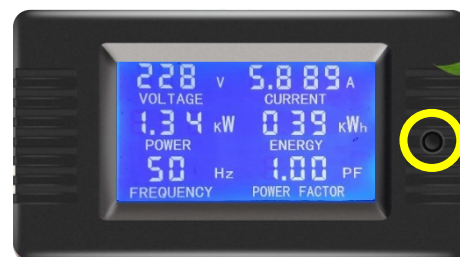
5. Carefully place the Current Transformer (CT) around the Main Line as indicated in the example pictures aside. Make sure you do not drop the CT while handling.
6. The CT can be placed in any direction around the Main line.
7. Check that the CT is fully closed.



The display shows all the Electrical Attributes: Voltage - Current - Power – Frequency - PF & Energy Consumption (kWh).



To reset Energy Counter, press gently on the highlighted button for 5~7 seconds until you see Energy Counter blinking, then click once again.



To turn display OFF/ON, just click once and gently on the highlighted button.



Always press gently on the button positioned to the right of the display, pressing with force can potentially damage the meter.

Note:

In case **MURAQEB** is disconnected from electricity, the Energy Counter is preserved.



Contact us for any queries or information related to **MURAQEB**

Technical Issues
Any Further Queries & Information