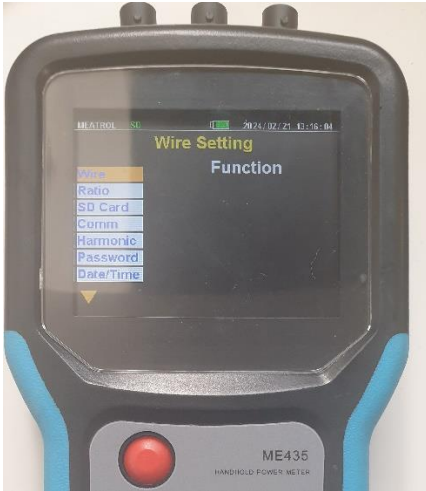


## ME435 Setup and Installation checklist

It is very important to make sure the logger is setup and installed correctly before logging. Ensuring the installation and setup is correct will avoid having to do the logging again.



### Meter Setup

- Wire Setting**
  - Mode: 3PH4W (Set according to what you are measuring, see manual. Setup correctly number of phases, single phase or three phase.)
  - VCon: DirectCon
  - ICon: RcoilCon (For Rogowski Coils)
  - Freq(Hz): 50
- Ratio** - Ensure the correct **"Ratio Setting"** is set for the coils you are using:
  - MRC-16** Rogowski coils must be set to **100 A** (50 mV/kA)
  - MRC-24 and MRC-36** Rogowski coils must be set to **600 A** (50 mV/kA)
  - NRC-100** Rogowski coils must be set to **1000 A** (85 mV/kA)
  - NRC-200** Rogowski coils must be set to **6000 A** (50 mV/kA)
  - Refer to the table below.
- SD Card**
  - Make sure it is set to **"Enable"**
  - Period: Logging interval set correctly (60 seconds recommended)
- Date / Time**
  - Date set correctly.
  - Time set correctly.

### Meter Installation

- The direction of current flow for the coils are all the same and in the correct direction.
- Order or the coils are correctly phase one is connected to phase one, phase two is connected to phase two and phase three is connected to phase three.
- The order or the voltage sensing leads are installed correct.
- Batteries are fully charged (4 x AA batteries will last about 48 hours) Longer periods require USB power from a plug-in power supply or power bank)
- SD Card Installed.

For a 3 Phase 4 wire setup with Rogowski coils make sure the meter is set up as follows:



Ensure the correct Ratio Setting is set for the coils your using:

Measurement accuracy	
Rated current (5 level selectable)	100A(0.5% from 10A to 120A)
	600A(0.5% from 10A to 720A)
	1000A(0.5% from 10A to 1200A)
	3000A(0.5% from 30A to 3600A)
	6000A(0.5% from 60A to 7200A)
Rogowski coil connect setting	100A                      MRC-16
	600A                      MRC-36
	1000A                    Y-FCT-200 or Y-FCT-350 or NRC-100
	3000A                    NRC-150 or Y-FCT-510
	6000A                    NRC-200 or Y-FCT-800