



aulop ATMS6004WM WiFi Smart Meter Instruction Manual

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WiFi Smart Meter

Operating Instructions

Download and Install Mobile App

Connect your phone to local Wi-Fi first.
Use your phone to scan the QR code below to
Download and install the App.



Register Account



Add New Device

Connect the device with the mains supply (100-250VAC), for connection diagrams see section 4.

Press and hold the button for about 10 seconds until the Red Led blinks fast.





Click "+" on the homepage.
or Click Add Device

Add

Input Wi-Fi
password and
confirm.



Can control the load ON /OFF

Click Done

Set Scheduled programs



Click "Timer" in
the home page

Select "Schedule"
on the home page,
Click "Add Schedule"

Set the time: Hour
and Minute,
Set the Date

Click " Switch1"
to set the switch
ON or OFF

Select ON or OFF,
then confirm, and
save.

Can add more
schedules.

Meter Function



Click "Electric" in the home page.

Can check monthly and daily KWh.

The App can display:

Power (W),

Current (mA),

Voltage (V),

Daily Consumption:(KWh)

Monthly Consumption:(KWh)

Total Consumption:(KWh),

When the measured power is less than 3 W, the App displays Power(W) and Current (mA) as both "0", but as the consumption accumulates the meter will account and measure.

Modify Device Icon



Click this icon :L in the upper right corner

Click this icon :L in the upper right corner

Click Icon"

Change the Image and confirm.

Share Device



Click "Timer" in the home page.

Click "Share Device"

Click "Add Sharing",

Click "Share with the Account"

Input the cell phone number, and Click "Done"

Add to Home Screen



Click "Timer" in the home page

Click "Add to Home Screen."

Click the button at the bottom of the screen.

Click the Add to Home Screen

Click the "Add" to Home Screen

Display item

	REGISTERS	LCD DISPLAY
01	Impulse imp/kWh	C 0000
02	Real voltage V	U 000.0
03	Real current A	A00.00
04	Total active (Real) power W	P0.0
05	Total reactive power Var	Q0.0
06	Frequency Hz	F 00.00
07	Power factor COSφ	PF 0.00
08	Total Active Power: Total energy kWh	0.00
09	Total Import Active Power	0.00
10	Total Export Active Power	0.00
11	Meter Number	FFFFFFAA

Usage


schematic diagram




LED Light

 Relay LED indication: The LED light off means relay switch is on, the LED on means relay switch is off.

 Impulse LED indication: It will flash with different speed according to the load of the meter.

 Wi-Fi LED indication: Push & Hold the button for 5s The WIFI LED will flash quickly to indicate the device is in pairing mode. When Wi-Fi is connected the LED will steady on. (See point 3 in set up guide).

 You can push this button to switch between different registers on the display. To reset the Wi-Fi connection Push & Hold the button for 5s. The device will enter pairing mode.

Features

- Under normal conditions of use, the life of the LCD screen is more than 10 years.
- Active energy pulse output for calibration, passive photo-electric type OC gate output port with a pulse width of $80\text{ms} \pm 20\text{ms}$.
- Single phase type multi-function smart meter designed to measure single phase 2 wire AC active energy and other parameters. APP can be used to remotely monitor readings and control ON/OFF.
- The meter has RS485 serial communication port and Wi-Fi.
- The meter is manufactured complying with international standard IEC62052-11
- Carefully open packaging and handle with care before installation.
- The meter can be installed on a 35 mm DIN rail.
- The meter should be installed in a dry area away from moisture and liquids.
- The meter's box should be installed on a flame-resistant surface at a recommended height of about 1.8 m, where there is no corrosive gas around.
- The meter should be installed fully in accordance with the connection diagram, copper is recommended as the wire for connection. All screws should be properly tightened.

Specification

- Rated Voltage: 100-240VAC 50-60HZ
- Rated Current: 5(60)A 250VAC ($\text{Cos}\phi = 1$)
- Contact Configuration: 1NO(SPST-NO)
- Wi-Fi Frequency: 2.4GHz

- Pulse frequency: 1200imp / kwh
- Ambient temperature range: -10°C. +60° C
- Can set 30 ON/OFF programs per day or per week.
- Can be shared with 20 users by Mobile App.
- kWh Accuracy: Class 1
- R.M.S accuracy: Class 0.5
- Pulse constant: See meter.

Connection Diagrams

PHOTO1

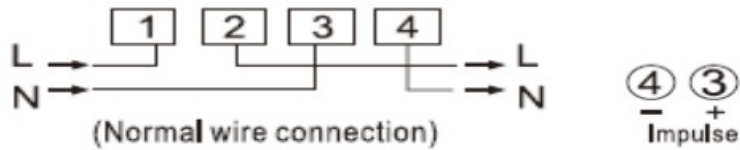
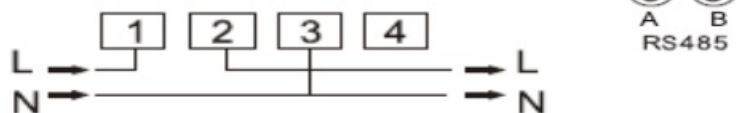
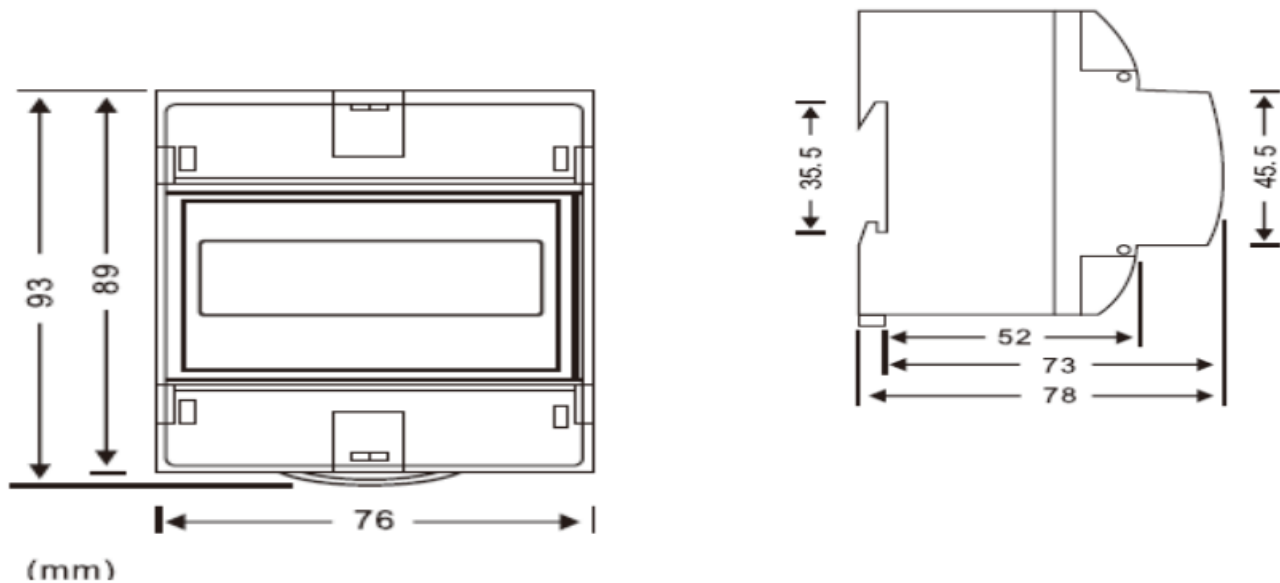



PHOTO2



Dimensions



Documents / Resources

	aultop ATMS6004WM WiFi Smart Meter [pdf] Instruction Manual ATMS6004WM WiFi Smart Meter, ATMS6004WM, WiFi Smart Meter, Smart Meter
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References

- [User Manual](#)

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