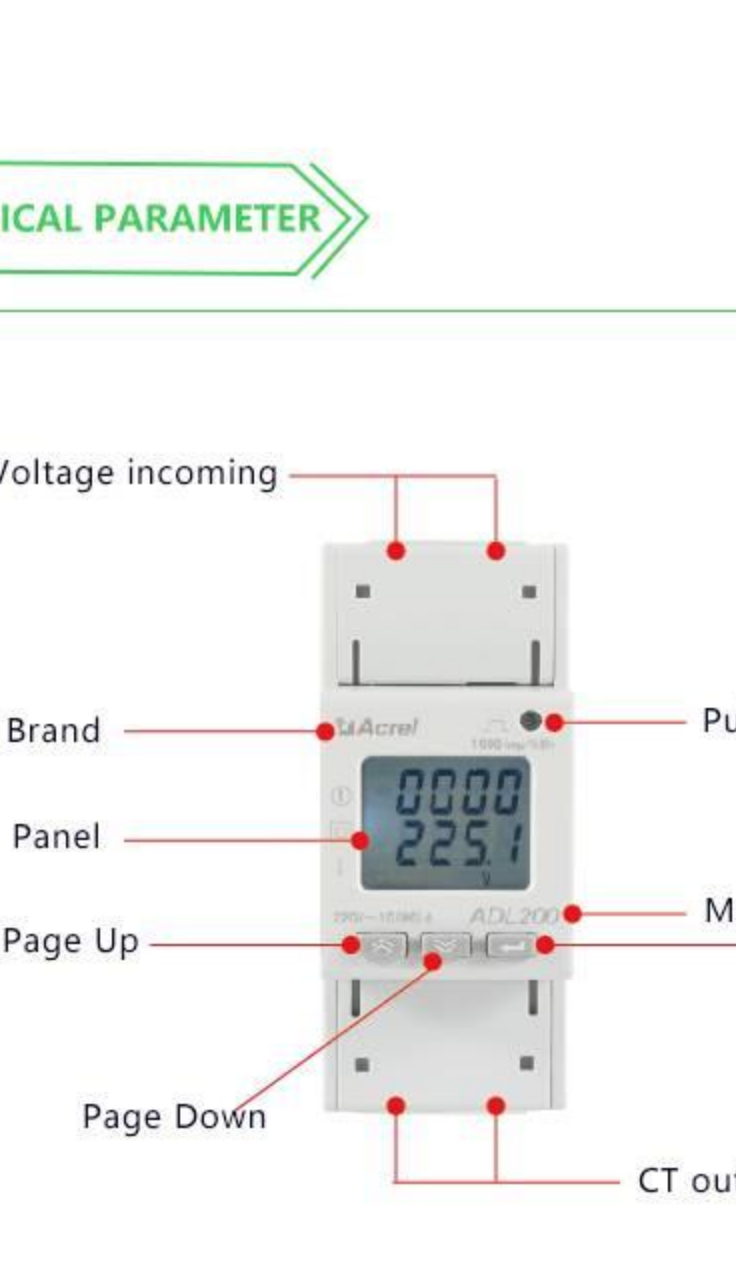


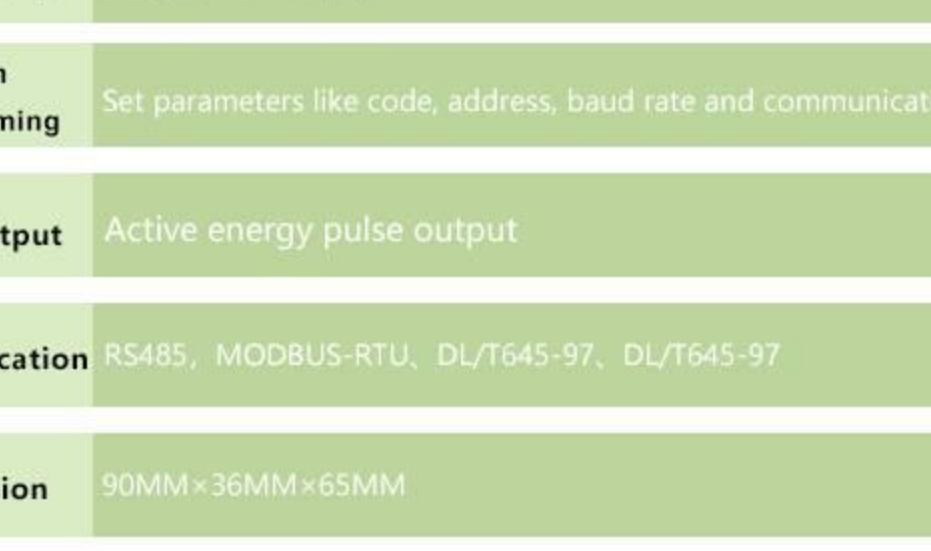
# SINGLE PHASE ELECTRIC ENERGY METER



## PRODUCT SIZE



## TECHNICAL PARAMETER

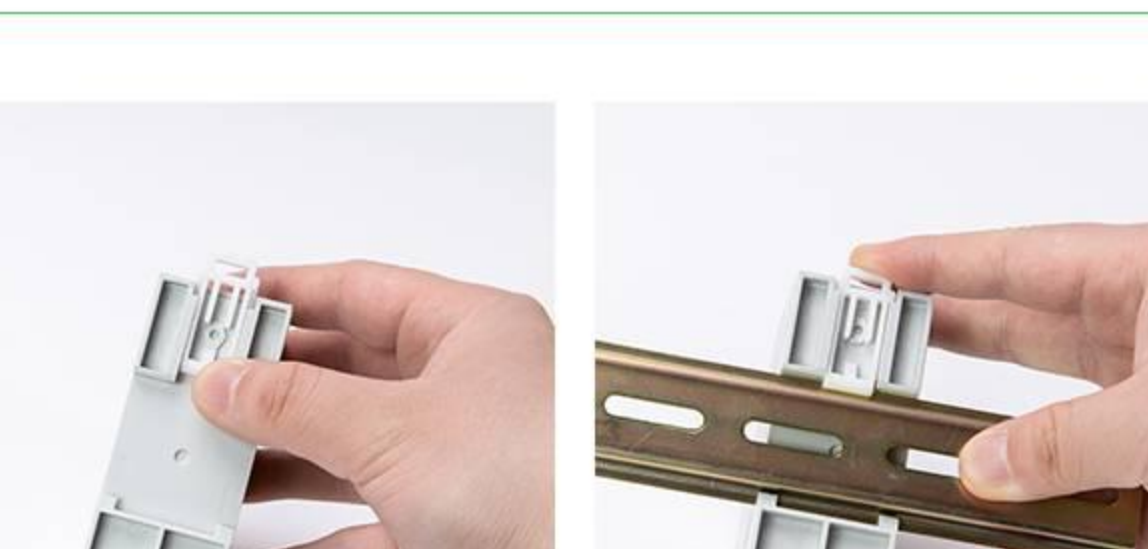


<b>Energy Calculation</b>	Measure total electric energy. Frozen and store three-month historical date
<b>Electricity Measurement</b>	Measure U, I, P, Q, S, PF, F
<b>LCD Display</b>	8 digital LCD display
<b>Button Programming</b>	Set parameters like code, address, baud rate and communication
<b>Pulse Output</b>	Active energy pulse output
<b>Communication</b>	RS485, MODBUS-RTU, DL/T645-97, DL/T645-97
<b>Dimension</b>	90MM×36MM×55MM

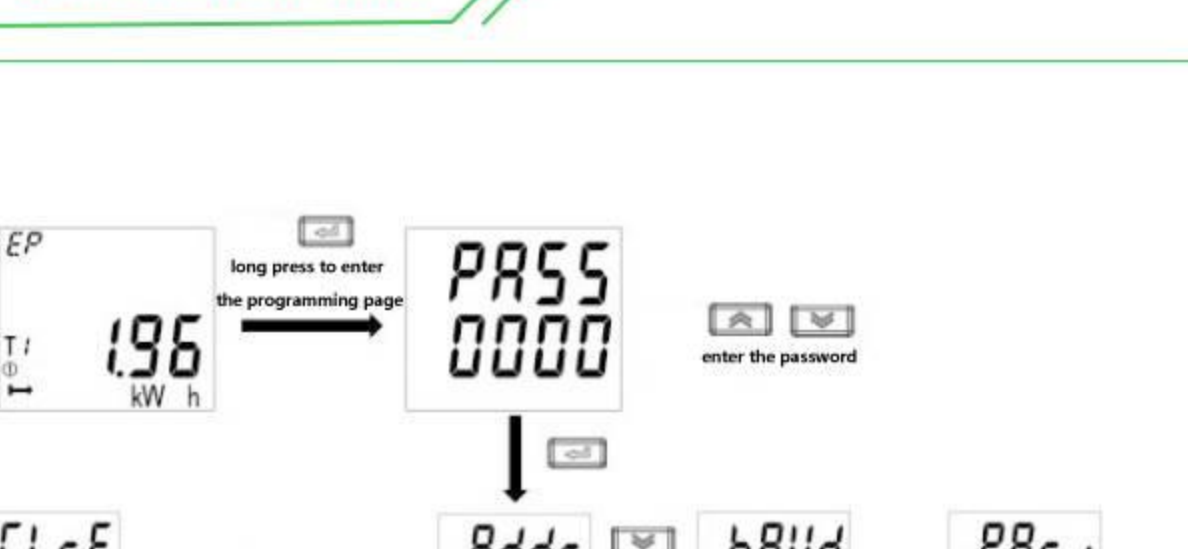
## APPLICATION



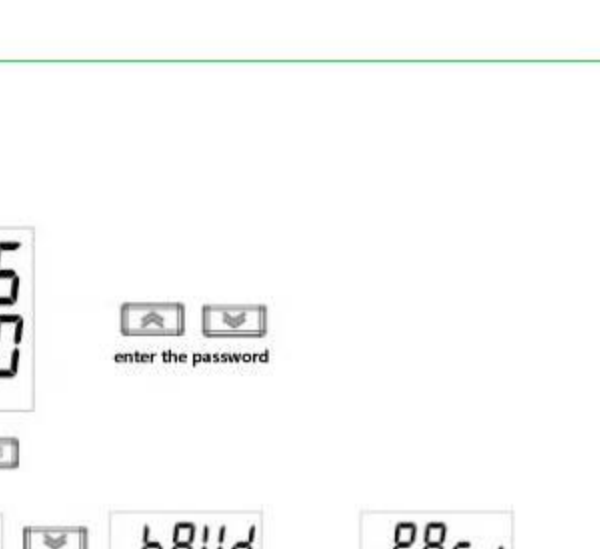
## Wiring



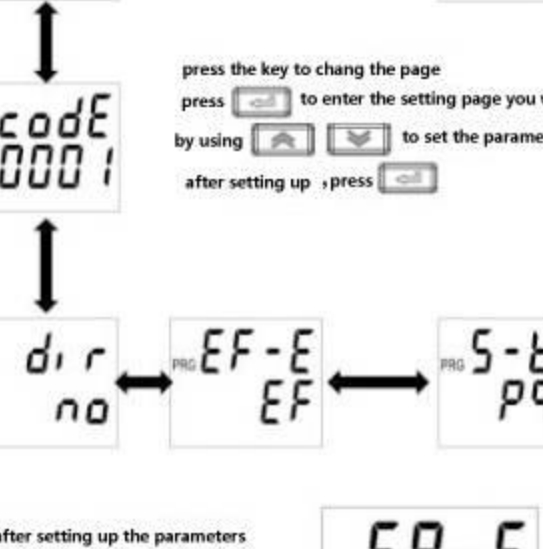
## INSTALLATION



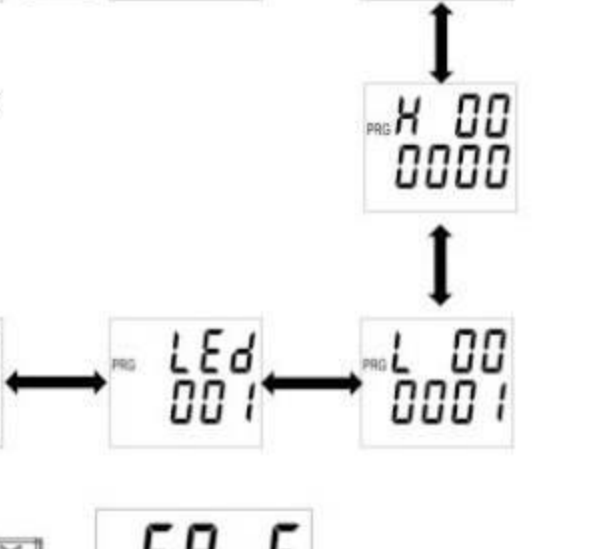
1. PUSH AWAY THE BUCKLE ON THE BACK OF THE METER



2. INSTALL ON 35MM DIN RAIL



3. PUSH UP THE BUCKLE



4. THE METER CAN BE FIXED

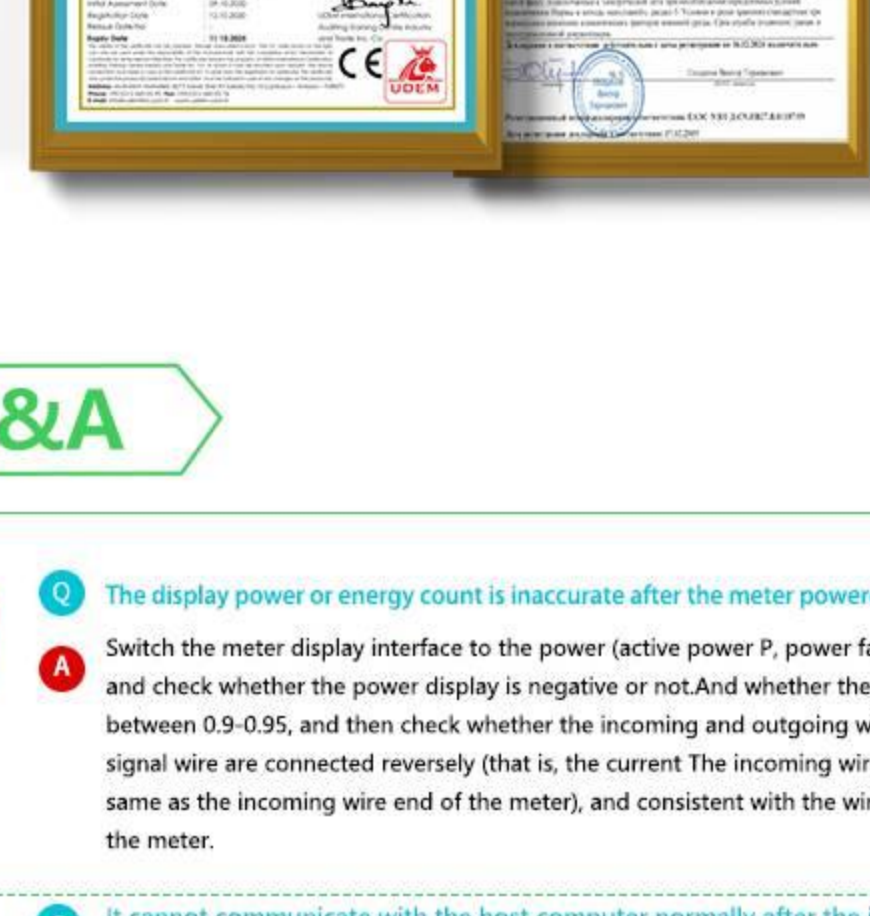
## OPERATION DIAGRAM



## SITE PICTURE



## CERTIFICATE



## Q&A

- Q** The display power or energy count is inaccurate after the meter powered on.

**A** Switch the meter display interface to the power (active power P, power factor λ) interface, and check whether the power display is negative or not. And whether the power factor is between 0.9-0.95, and then check whether the incoming and outgoing wires of the current signal wire are connected reversely (that is, the current The incoming wire must be the same as the incoming wire end of the meter), and consistent with the wiring diagram on the meter.
- Q** It cannot communicate with the host computer normally after the instrument powered on.

**A** 1. The voltage value between the communication output A and B of the measuring instrument should be between ±(4.4-4.5)V.  
2. Check whether the communication wiring method is correctly wired according to the wiring diagram (that is, the communication terminal A/B of the instrument must be connected with Corresponding to communication serial port A/B);

## APPLICATION



## ABOUT ACREL



Acrel Co., Ltd. [Stock Code : 300286.SZ] is a high-tech enterprise concentrating on research, production, sales and services. It mainly provides systemic solutions of energy efficiency management and electrical safety for users. 'Acrel' is equipped with the complete production lines from cloud platform software to sensors. Until now, it has more than 8000 sets systemic solutions used in China to help users to realize energy visual management ,supply energy data services and improve electrical efficiency and safety and service for power system users.

## 生产车间

