

# Quick Installation Guide

## (Power Meter ADL200N-CT)



### Packing List

Meter*1	CT*1	Quick Installation Guide*1

\* Due to different current specifications, the physical appearance of the CT may differ.

### Port Description

	Label	Meter Wiring
	L	Live Wire
	N	Neutral Wire
	I+	CT - Red Wire
	I-	CT - Black Wire
	A	RS485 A Wire
B	RS485 B Wire	

### Meter Installation

#### Danger

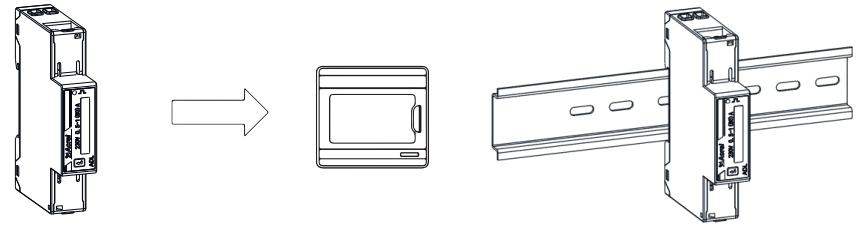
- Installation is limited to professional personnel only.
- Before installation, ensure that all switches inside the distribution box are turned off.
- Do not touch any live conductors inside the distribution box to prevent electric shock.

- Step 1: Connect the live wire and Neutral wire to the L and N ports of the Meter. For safety considerations, it is advisable to install a fuse on the live wire.

#### Caution

The CT has been pre-connected into the meter.

- Step 2: Install the Meter on the rail of the distribution box.



- Step 3: Install the Current Transformer (CT) on the live wire (L). The arrow direction on the CT should point from the power grid side to the microinverter side.

The overall installation wiring diagram of the meter can be found on the reverse side as Figure 1-1 and Figure 1-2.

#### Caution

In a three-phase power grid, the meter must be installed on the same phase as the corresponding microinverter (or micro storage unit), and the current transformer (CT) must be installed on the live wire of that phase, ensuring that the arrow on the CT points from the grid to the microinverter.

- Step 4: After ensuring that the connections of the Smart Meter are accurate, turn on the switch inside the distribution box again.

#### Caution

When no power generation equipment is installed, if the meter reading shows a negative value, the direction of the Current Transformer (CT) should be checked.

If you have any questions during the installation process, please scan the QR code below to access “ADL200N - CT Meter User Manual” or view the meter installation video.



ADL200N-CT Meter User Manual



Meter Installation Video

Figure 1 - 1 Wiring Diagram of Single - phase Meter in Single - phase Power Grid

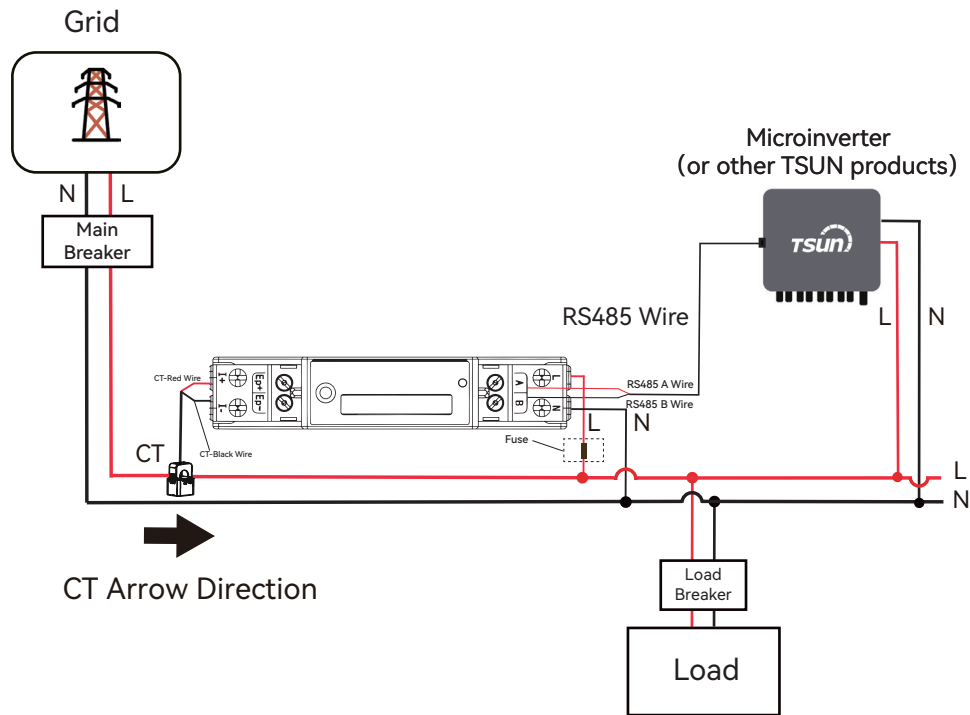
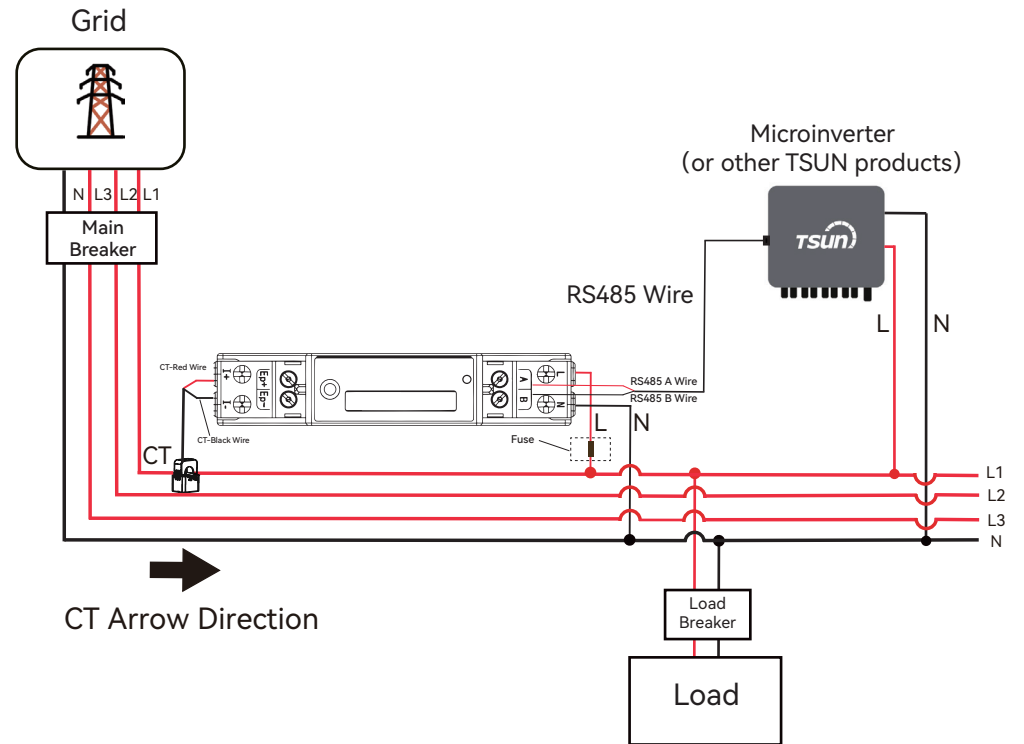


Figure 1 - 2 Wiring Diagram of Single - phase Meter in Three- phase Power Grid



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