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# INSTALLATION MANUAL

## DTSU666-100/40MA (WITH CT)



**NOTICE**

- It is recommended to use a shielded network cable.
- If the extra PV inverters are not used, the system is suitable for DC mode.
- If the extra PV inverters are used, the system is suitable for AC or Hybrid mode.

## Specification

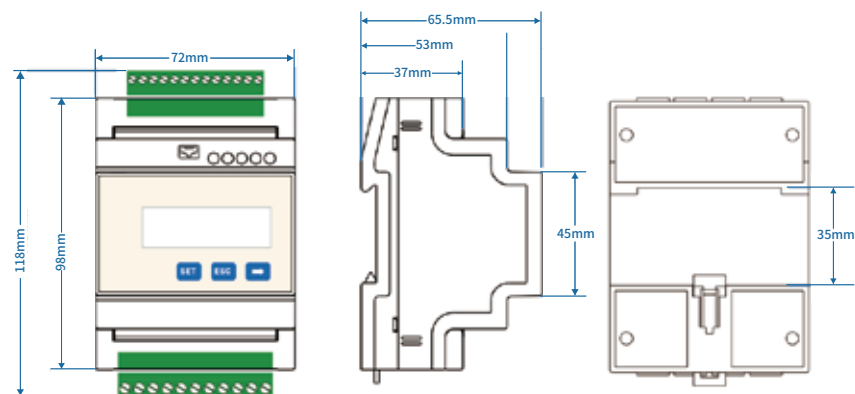


Figure 1 The dimension of DTSU666

Category	DTSU666-100/40mA
Nominal Voltage	230V AC/400V AC
Current Range	0-100A
Grid Type	3P4W/3P3W

## Meter Wiring

## 2.1 Meter Wiring for Three Phase Inverter

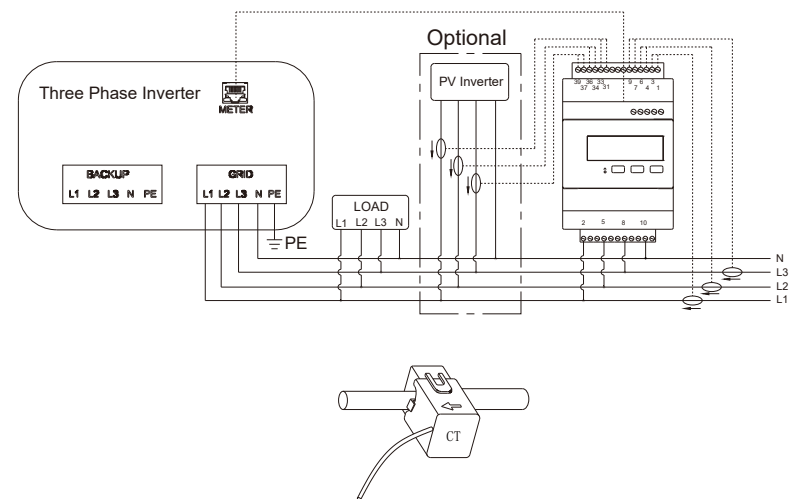


Figure 2 Wiring for Three Phase Inverter

Grid CT	PV CT
1-----IC (White)	31-----IC (White)
3-----IC (Blue)	33-----IC (Blue)
4-----IB (White)	34-----IB (White)
6-----IB (Blue)	36-----IB (Blue))
7-----IA (White)	37-----IA (White)
9-----IA (Blue)	39-----IA (Blue)

2.2 Meter Wiring for Single Phase Inverter

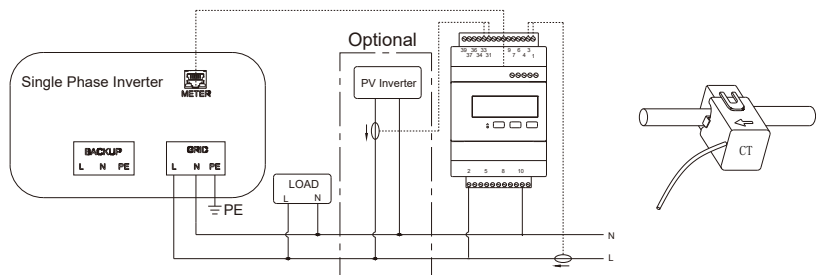


Figure 3 Wiring for single phase inverter at single-phase property

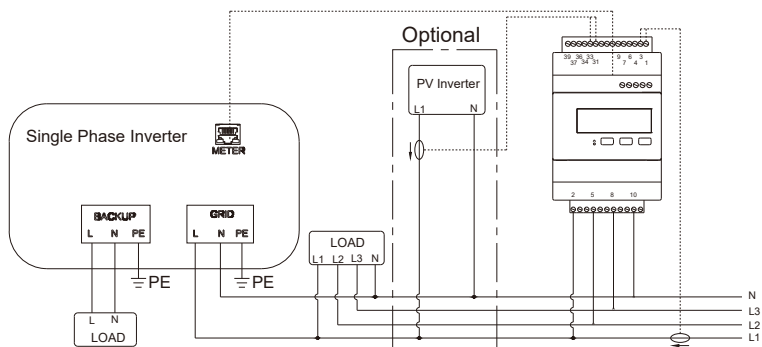


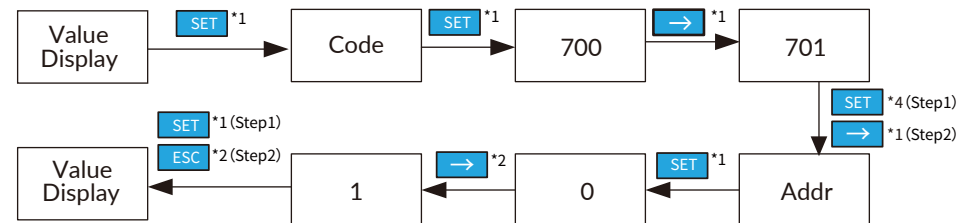
Figure 4 Wiring for single phase inverter at three-phase property

Grid CT	PV CT
1-----IC (White)	31-----IC (White)
3-----IC (Blue)	33-----IC (Blue)
4-----IB (White)	34-----IB (White)
6-----IB (Blue)	36-----IB (Blue)
7-----IA (White)	37-----IA (White)
9-----IA (Blue)	39-----IA (Blue)

03 Address Setting

Model	Grid Meter Address	PV Meter Address
DTSU666-100/40-mA (with CT)	1	N/A

Please follow the steps below to complete the address setting when DTSU666-100/40 mA (with CT) is used as a grid meter.



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## Meter Setting on AlphaCloud

**Step 1:**

When the system mode is selected as DC, click the button under the “Grid Meter” to turn the “Meter” green.

When the system mode is selected as AC or Hybrid, click the buttons under the “Grid Meter” and “PV side meter” to turn the “Meter” green.

**Step 2:**

Click "Save" and wait a few minutes to refresh the page.

When the “Meter Model” displays DTSU666-100/40mA, the setting is completed successfully.

**NOTE:**

It is forbidden to tick CT to modify the magnification.

## Meter Information

Grid Metes		
Meter <input checked="" type="checkbox"/> CT	Meter CT Ratio	Meter Model
<input type="checkbox"/> CT	<input type="text"/>	<input type="text"/>

PV side meter		
Meter <input checked="" type="checkbox"/> CT	Meter CT Ratio	Meter Model
<input type="checkbox"/> CT	<input type="text"/>	<input type="text"/>

Figure 5 Meter Setting on AlphaCloud

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## Meter Setting on AlphaAPP

**Step 1:**

When the system mode is selected as DC, only tick "Meter" on the right of the “Grid Meter” .

When the system mode is selected as AC or Hybrid, both tick "Meter" on the right of the “Grid Meter” and “PV side meter” .

**Step 2:**

Click "Submit" and enter the “System information” page to check the meter model. The setting is completed successfully if meter model is DTSU666-100/40mA.

**NOTE:**

It is forbidden to tick CT to modify the magnification.

Figure 6 Meter Setting on APP