

# Energy Meter DTSU666 CT

User Manual

Please read this manual carefully before use.

# Notes and Safety

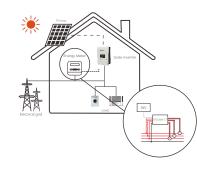
Cut off all power of inverter before installation! Wait for 5 minutes after power off.

Danger of high voltage! Danger to life due to high voltage of this machine!

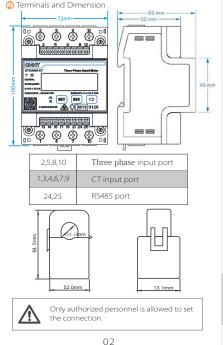
# ntroductior

# Basic features

DTSU666 CT Meter can achieve energy management together with solax three phase inverter. It applies to 200A system on below, measure the import, export and total power and energy.



01

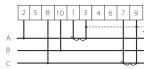


### ③ Performance and Specification

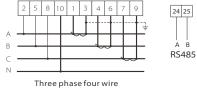
Model	Voltage	Current	Туре
DTSU666-CT	3×220/380V3×240/415V	0-200A	Via transfomer

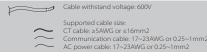
# Installatio

1 Wiring diagram



Three phase three wire





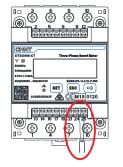
03

# ② Wiring Connection

Step 1: RS485 terminal connection 1. Prepare a communication cable. 2. Trip the insulation from the communication cable. 3. Connect the meter communication cable and inverter with reference to the inverter manual. 4. Connect the other end of the communication cable to the port 24 and 25 of meter. See the figure below for the connection.

Please note that the same color communication cable is used for the same communication port identifier between the inverter and the meter.

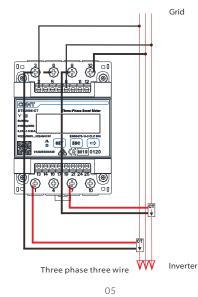
PS: The color of the communication cable in the figure is for reference only. Please refer to the actual situation for the specific connection.

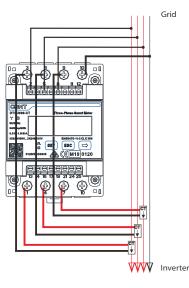


04

#### Step 2: Voltage wire connection

Connect the L wires with ports 2/5/8 of the meter.
Connect the N wire with port 10 of the meter.
Connect the L wires with CTs and insert the CT wires to ports 1/3/4/6/7/9 of the meter respectively.





Three phase four wire



# D description

Symbol

var

PF

- Symbol Meaning The phase parameter indicates that the data displayed by LCD is a phase parameter. IIIV The current running line is sensibility 1000 Current running line is capacitive A unit of voltage indicating that the data displayed by U1 U2 U3 the LCD is a voltage. The unit of current indicating that the data displayed by the LCD is current. -I1-I2-I3 The active power unit indicates that the data displayed by LCD is active power. A reactive power unit indicating that the data displayed by LCD is reactive power. Power factor, indicating that the data displayed by LCD is power factor.
- Hz A unit of frequency that indicates that the data displayed by the LCD is frequency
- km A reactive power unit indicating that the data displayed by LCD is reactive power.
- kvanh The active power unit indicates that the data displayed by LCD is active power.

08

	Meaning Current running guadrant indication
3	Current rate period
	Determine whether the current three phase voltage is missing (the corresponding Ux flickers).
	Determine whether the current three phase current is missing (the corresponding Ix flickers).
-li	– Current switch input and output status identification

## Warranty Regulation

# Warranty Registration Form

#### Terms and conditions

SolaX grants a warranty of 12 months as standard. Starting from the date of the purchase invoice marked. SolaX will only perform warranty service when the faulty unit is returned to SolaX together with a copy of invoice and warranty card which were issued by the dealer and manufacturer to the users. In addition, the type label of the unit must be fully legible. If these requirements are notfulfille SolaX reserves the right for all warranty terms and conditions.

## Exclusion of liability

Warranty claims are excluded for direct or indirect damage due to: 1: Use of unit in ways not intended, improper installation and installation thatdoes not comply with standards, improper operation and unauthorized modification to the units or epair attempt. 2: Without warranty card and serial number. 3: Operating the units with defective protective equipment. 4: Influence of oeign objects and force majeure. 5: Inadequate ventilation. 6: Violate relevant safety regulations.

To register your SolaX product, please mail this warranty card to: SolaX Power Network Technology (Zhejiang) Co., Ltd. ADD. No.288 shizhu Road, Tonglu Economic Zone, Tonglu City, Zhejiang Province, China. Tel. +86 571 5620011 FAX +86 571 5620011 FAX +86 571 56205753 EMAIL service@solaxpower.com WEB www.solaxpower.com

Online warranty registration is available at http://www.solaxpower.com/en/warranty-registration/

Name Country
Phone Number Zip Code
Email
Address
Product Serial Number
Date of Commissioning
Installation Company Name

Date of Del	ery	
Signature		

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10