

Energy Meter

User Manual

Please read this manual carefully before use.

Notes and Safety

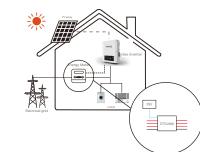
Cut off all power of inverter before installation! Wait for 5 minutes after power off.

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

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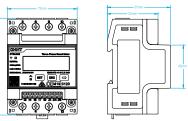
Basic features

DTSU666 Meter can achieve energy management together with solax three phase inverter.It applies to 80A system on below, measure the import, export and total power and energy.



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② Terminals and Dimension



 1,3,4,6,7,9,10
 Three phase input port

 24,25
 RS485 port

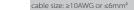
Only authorized personnel is allowed to set the connection.

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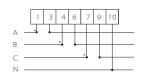
①Mounting

DTSU666 meter is designed for indoor installation , It could be installated on the wall or other place indoor.

②Wiring diagram







Three phase four wire: direct connect

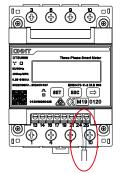


3 Wiring Connection

Step 1: R5485 terminal connection
1.Prepare a communication cable.
2.Trip the insulation from the 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.



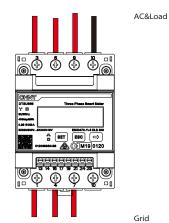
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Step 2: Voltage wire connection
1. Connect the port 1/4/7 of the meter to the grid terminal.
2. Connect the port 3/6/9 of the meter to the load terminal.
3. Connect the port 10 of the meter to the neutral wire.



CD description

Symbol

var

PF

Meaning The phase parameter indicates that the data displayed by LCD is a phase parameter. The current running line is sensibility Current running line is capacitive A unit of voltage indicating that the data displayed by the LCD is a voltage.

The unit of current indicating that the data displayed by the LCD is current

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.
- A unit of frequency that indicates that the data displayed by the LCD is frequency
- kth A reactive power unit indicating that the data displayed by LCD is reactive power.

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kvarh The active power unit indicates that the data displayed by LCD is active power.

 Symbol
 Meaning

 IIIV
 Current running quadrant indication

(1) (1) (1) (1) Current rate period

- U1 U2 U3 Determine whether the current three phase voltage is missing (the corresponding Ux flickers).
- -I1-I2-I3 Determine whether the current three phase current is missing (the corresponding lx flickers).

Warranty Regulation

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:

ADD: Room 506 West Buliding A Sci. and Tech Park of Zhejiang University No.525, Xixi Road, Hangzhou Zhejiang Province, China 310007 Tel: +86 571 56260011 Fax: +86 571 56075753 Email: service@solaxpower.com/ Web: http://www.solaxpower.com/ Online warranty registration is available at http://www.solaxpower.com/en/warranty-registration/

Warranty Registration Form

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

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