

# Energy Meter

## User Manual

Please read this manual carefully before use.



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!

#### ntroduction

#### 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.

#### ③ Performance and Specification

Model	Voltage	Current	Туре
DTSU666	3×220/380V3×240/415V	0.25-5(80)A	Direct connect

### Installatio

#### Mounting

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

#### ②Wiring diagram

cable size:  $\geq$  5AWG or  $\leq$  16mm<sup>2</sup>





Three phase three wire: direct connect



#### 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.



05

03

04





Symbol

kWh

kvarh

Meaning	Symbol	
The phase parameter indicates that the data displayed by LCD is a phase parameter.	ШV	Cu
The current running line is sensibility		
Current running line is capacitive	11 12 19 19	Cu
A unit of voltage indicating that the data displayed by the LCD is a voltage.	U1 U2 U3	De
The unit of current indicating that the data displayed by the LCD is current.		mi
The active power unit indicates that the data displayed by LCD is active power.	-I1-I2-I3	De mi
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.	-llu-la	- Cı
A unit of frequency that indicates that the data displayed by the LCD is frequency		
A reactive power unit indicating that the data displayed by LCD is reactive power.		
The active power unit indicates that the data displayed by LCD is active power.		

#### Warranty Regulation Terms and conditions SolaX grants a warranty of 12 months as standard. Starting Meaning from the date of the purchase invoice marked. SolaX will only Current running guadrant indication 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 Current rate period 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. Determine whether the current three phase voltage is missing (the corresponding Ux flickers). Exclusion of liability Determine whether the current three phase current is Warranty claims are excluded for direct or indirect damage due to: missing (the corresponding Ix flickers) Current switch input and output status identification operation and unauthorized modification to the units or epair attempt. 2: Without warranty card and serial number. 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, Tel. +86 571 56260011 FAX +86 571 56075753 EMAIL service@solaxpower.com

#### Warranty Registration Form

1: Use of unit in ways not intended, improper installation and installation thatdoes not comply with standards, improper 3: Operating the units with defective protective equipment.

WEB www.solaxpower.com

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

Name Country
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Date of Commissioning
Installation Company Name

Date of Deli	/ery
Signature	

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