



Energy Meter

DTSU666

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.

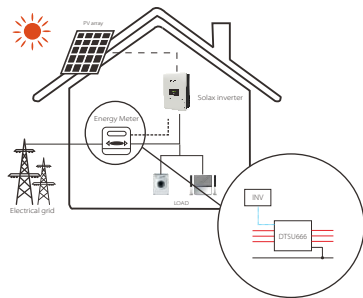


Danger of high voltage!
Danger to life due to high voltage of this machine!

Introduction

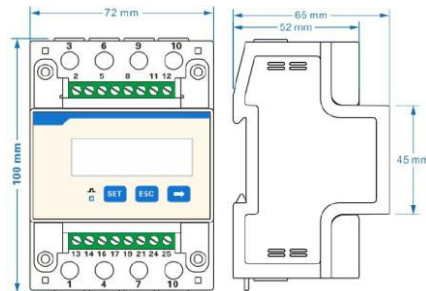
① Basic features

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.

02

③ Performance and Specification

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

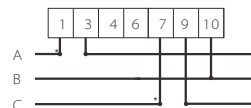
Installation

① Mounting

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

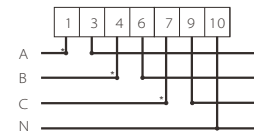
② Wiring diagram

cable size: $\geq 5\text{AWG}$ or $\leq 16\text{mm}^2$



Three phase three wire: direct connect

03



Three phase four wire: direct connect

Communication cable size:
17~23AWG or 0.25~1mm



RS485

04

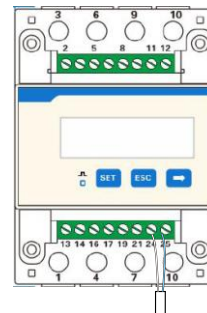
④ Wiring Connection

Step 1: RS485 terminal connection

1. Prepare a communication cable.
2. Strip 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.



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