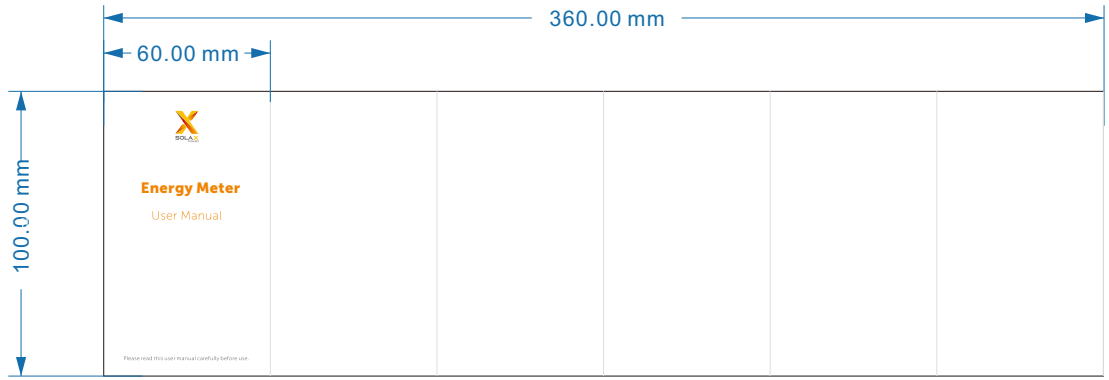
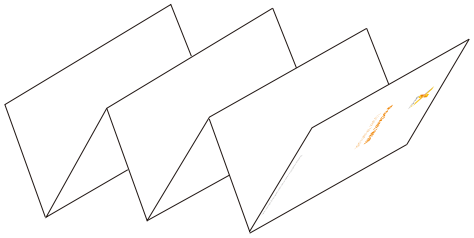
REV.	Description	REV.	Description
0.0	首次发行 王冲 2017/1/9		

品名	SDM630MCT三相电表用户手册		
料号	614.00307.00		
单位	mm	页次	

浙江艾罗网络能源科技有限公司
SolaX Power Network Technology (Zhe jiang) Co.,Ltd.



如图折叠出货



技术要求：
1.材质为80g铜版纸，所有页彩色打印，正反打印
2.如图示折叠出货，要求折叠对齐，折痕平滑
3.未注尺寸公差按 +- 1mm
4.图面、字体印刷清晰、无毛边、不起边、油墨不脱落
5.字体颜色为PANTONE Black C，无边框，底色为白色
6.符合RoHS要求

品名	SDM630MCT三相电表用户手册	设计	王冲 2018/1/9
		审核	朱娴红 2018/1/0
材料	铜版纸	核准	朱娴红 2018/1/0
料号	614.00307.00	浙江艾罗网络能源科技有限公司	
单位	mm 页次		

Energy Meter

SDM630MCT

User Manual

Please read this user manual carefully before use.

Notes and Safety

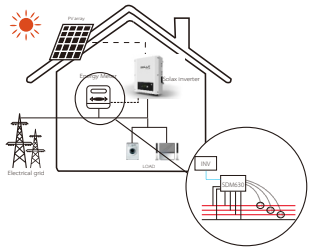
Cut off all power of inverter before installation!
Wait for 5 minutes after power off.

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

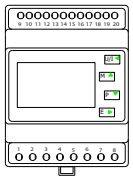
Introduction

① Basic features

SDM630MCT Meter configured with 3 matched CTs can achieve energy management together with solax three phase inverter(CTs don't in the package,need purchase separately).
It applies to 200A system onbelow,and measure the import, export and total power and energy.



② Terminals and Dimension



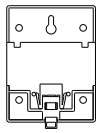
1-4	measured voltage
5-6	power supply
7-12	NULL
13-14	RS485 port
15-20	CT

Only authorized personnel is allowed to set the connection.

Installation

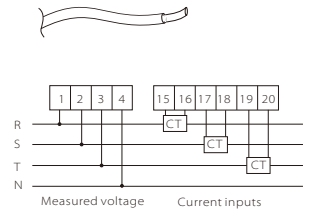
① Mounting

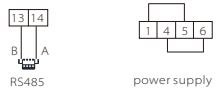
SDM630MCT meter is designed for indoor installation . You can fix it on the wall.



② Wiring diagram

cable size: ≥10AWG or ≤6mm²

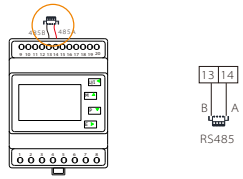




③ Wiring Connection

Step 1: RS485 terminal connection

Insert the wire into the 13,14 ports of Meter, and insert the other side of the wire into the green terminal block which is in the hybrid package,then insert the block into the inverter.



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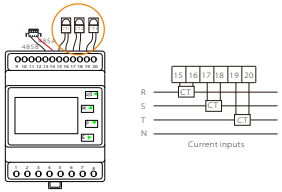
614.00307.00

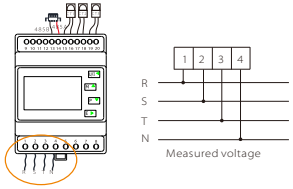
Step 2: Current wire connection

Insert the wire of the CT to the15-20 ports of Meter, then connect the buckle of CT to the grid .



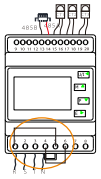
Step 3: Voltage wire connection

Make wire, insert the wire into the 1-4 ports of Meter, and insert the other side of the wire into the grid following.



Step 4: Voltage wire connection

Make wire, insert the wire into the 5-6 ports of Meter,and insert the other side of the wire into the 1,4 ports.



power supply

LCD description

① Voltage and Current

U/I *1' — Phase to neutral voltages.

U/I *2' — Current on each phase.

U/I *3' — Phase to neutral voltages.

U/I *4' — Phase to neutral voltages.

② Frequency and Power Factor and Demand

M *1' — Frequency and Power Factor(total).

M *2' — Power Factor of each phase.

M *3' — Maximum power demand.

M *4' — Maximum current demand.

③ Power

P *1' — Instantaneous active power in KW.

P *2' — Instantaneous reactive power in KVAr.

P *3' — Instantaneous volt-amps in KVA.

P *4' — Total kW,kVArh,kVA.

④ Energy

E *1' — Import active energy in KWh.

E *2' — Export active energy in KWh.

E *3' — Import reactive energy in KWArh.

E *4' — Export reactive energy in KWArh.

E *5' — Total active energy in KWh.

E *6' — Total reactive energy in KWArh.

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 220, 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 Delivery .....

Signature .....