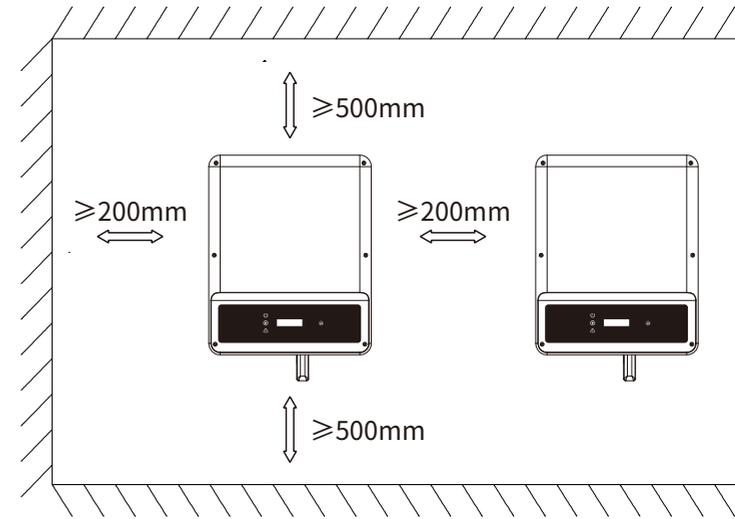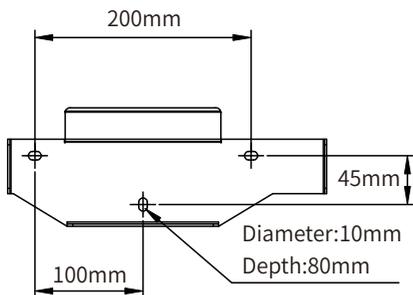# Instructions for Fast Installation
SDT G2 Series

⚠ Warning: All fasteners must be locked tight. Otherwise water may flow in, resulting in machine failure. In such case warranty shall not be provided.
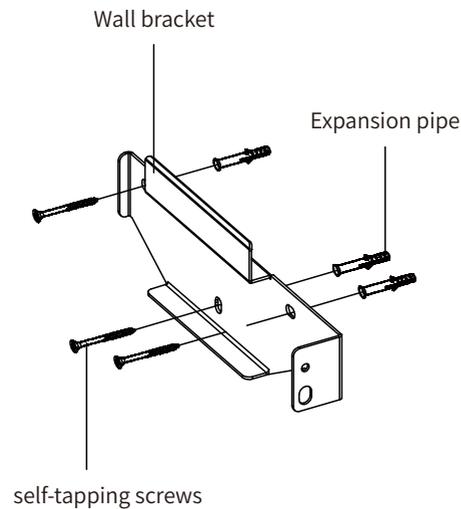
A

≥500mm

≥200mm   ≥200mm

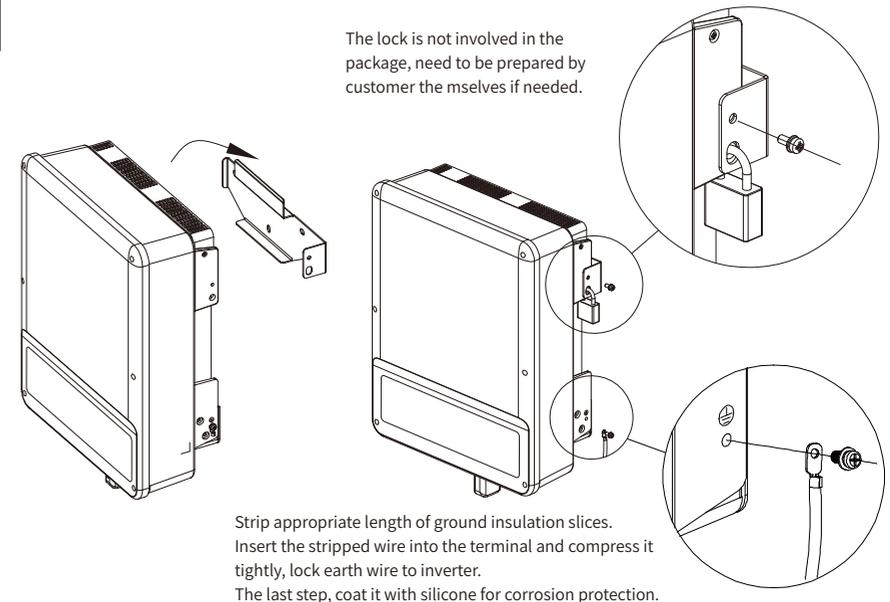≥500mm

Installation space

B

200mm

45mm

100mm

Diameter:10mm
Depth:80mm

Dimensions for Drilling holes

C

Wall bracket

Expansion pipe

self-tapping screws

Fix the wall bracket

D

The lock is not involved in the package, need to be prepared by customer the mselves if needed.

Strip appropriate length of ground insulation slices.
Insert the stripped wire into the terminal and compress it tightly, lock earth wire to inverter.
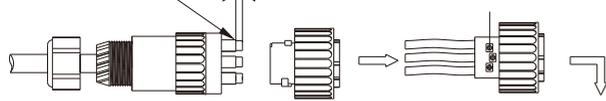The last step, coat it with silicone for corrosion protection.

Installation

340-00260-00

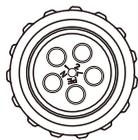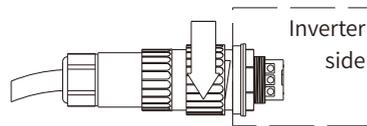## E

4mm² Copper Conductor Material

10mm

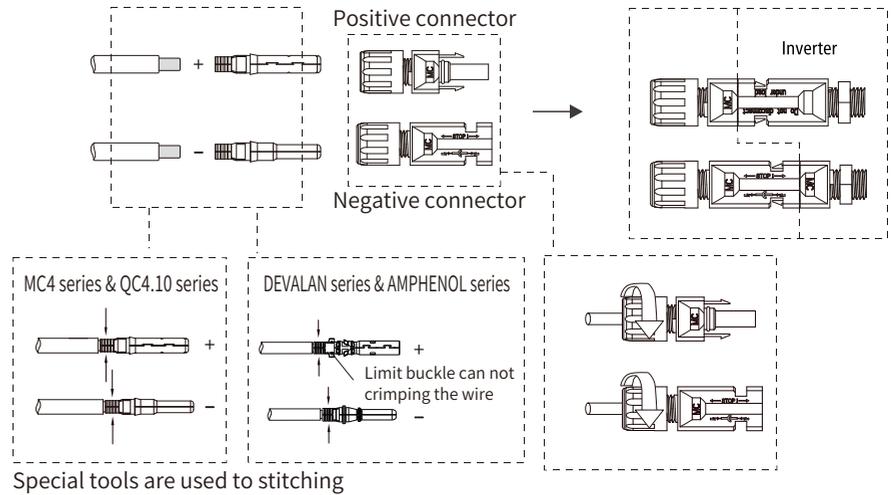Tighten the 3 pieces of svrews and make sure of their heads don't exceed the surface

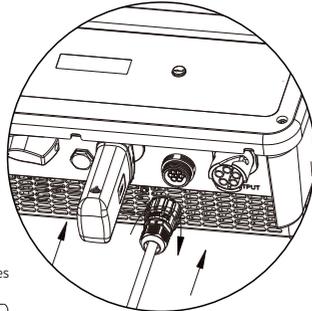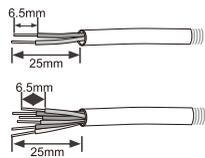Tighten the screw in anticlockwise direction

Inverter side

Pin1 ------ R phase
Pin2 ------ S phase
PinL ------ T phase
PinN ------ N phase
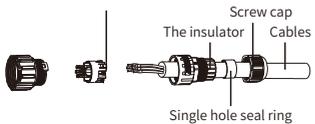PinPE ----- PE phase

AC wire assembly and connection

F

Positive connector

Inverter

Negative connector

MC4 series & QC4.10 series

DEVALAN series & AMPHENOL series

+

Limit buckle can not crimping the wire

−

Special tools are used to stitching

DC wire assembly and connection

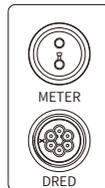DC Cable should be use dedicated PV cable (Suggest using 4mm² PV1-F wire)

G

6.5mm
25mm

6.5mm
25mm

Tightening the screws and the screws are not over the surface
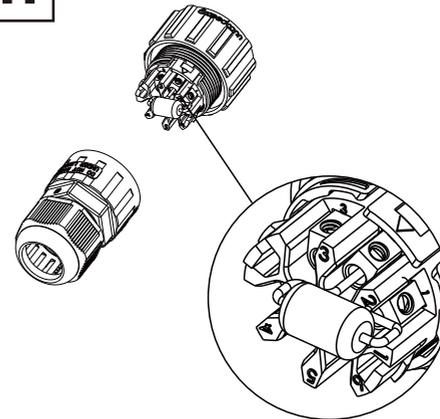
Screw cap
The insulator
Cables

Single hole seal ring

DRED	
NO.	Function
1	DRM1/5
2	DRM2/6
3	DRM3/7
4	DRM4/8
5	REFGen
6	Com/DRM0

Meter	
NO.	Function
1	Meter +
2	Meter -

METER

DRED

2pin

6pin

Conmmunication / DRED / Meter cable assembly

DRED connection is only available for Australia and New Zealand

H

You need to connect 5 and 6 pins with a resistor to use "DRED" function (for Australia) or connecting 4 and 5 pins to use "Remote Shutdown" function (for Europe) , you can't use both of them at the same time. You can only choose one of them.
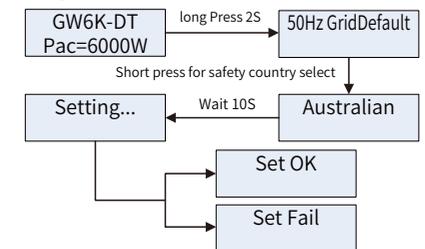
Remote shutdown and DRED

Optional

I

Configure Country Setting

Short press to enter this menu

GW6K-DT Pac=6000W

long Press 2S → 50Hz GridDefault

Short press for safety country select

Setting... ← Wait 10S ← Australian

Set OK

Set Fail

J

Set Time

From the first level Set language menu, short press the key to enter the Set Time menu.
Long press （2s）the key to enter the second level menu. The initial display is "**2019-00-00 00:00**" , in which the first four numbers represent the year (e.g 2000-2099) ; the fifth and sixth number represent the month (e.g 01-12) ; the seventh and the eighth numbers represent the data (e.g 01-31) . The remaining number represent the time.
Short press increase the number in current location, and long press to move the cursor to next position. The inverter will store the time the time after 20 seconds without any key operation, and the LCD will automatically return to the main menu and the backlight will switch off.