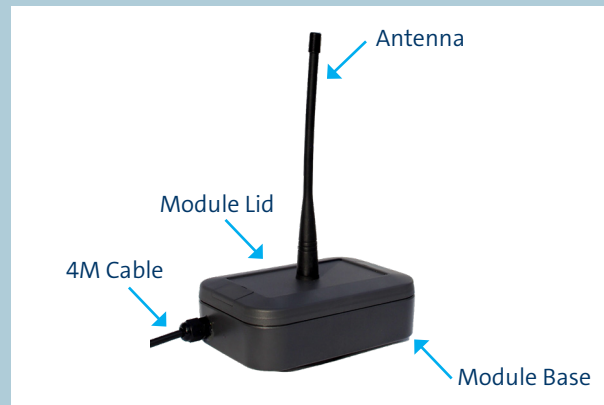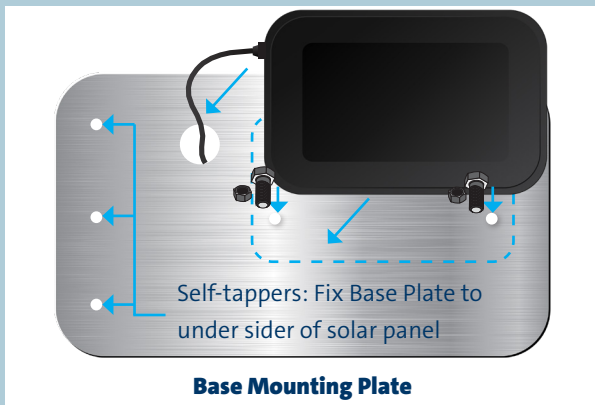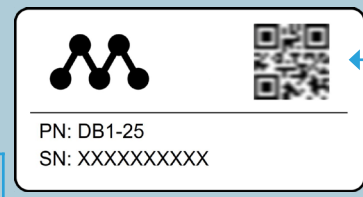# Grundfos Solar Connect – Pump Module

Quick Installation Guide

IN THE BOX

- Grundfos Solar Connect module & cable
- Pump Module antenna
- Pre-drilled mounting bracket
- X2 AA batteries fitted
- Commissioning QR code (located inside the module)

PN: DB1-25
SN: XXXXXXXXXX

Self-tappers: Fix Base Plate to under sider of solar panel

Base Mounting Plate

Antenna

Module Lid

4M Cable

Module Base

COMMISSIONING (10/MINS)

Existing User: Start at **Step 7**.
Mobile Service or Wifi is required – For App Download & Commissioning
It may take up to 24hrs to receive data, from start up.

1. **From APP Store:** Download Grundfos Solar Connect (IOS & Android)
2. **New User: Tap** "Sign Up" to create new user account
   Upon Sign-Up, a 6-digit code will be sent to your email, Enter Code in APP then **Tap:** "Confirm"
3. **New User: Tap:** "Update Subscription" Enter a Credit Card (Master/Visa), then **Tap:** "Subscribe"
4. **New User: Tap** "SETUP A DEVICE" then Tap "Next" & choose device-type, **Tap:** "Pump or Tank Module"
5. **New User:** Confirm Subscription for selected device then **Tap:** "Update Subscription"
6. **New User:** Go to **Step 8**

GRUNDFOS

For more information, visit
www.grundfos.com/au/campaign/solar-connect

Possibility in every drop

7. **Existing User: Log in and Tap:**" Add New" (Top Right in home screen)
    Tap: Next & Enter the device your adding: **Tap:** "Tank Module" or "Pump Module"
    Tap: Update Subscription
8. **Tap:** "Scan QR Code" (Sticker from inside of device) or manually enter the code.
9. **Tap:** "SAVE"- located top Right of screen. Device is now paired & ready to transmit data
10. **Enter Site Information:** Site Name, link a Tank Module or Make/Add to Group- (Multi site)
11. **Tap:** "Done" Then **Tap** "Start or Skip": Tutorial. (3-step tutorial)
12. **Tap:** "I'm Ready" This will take you to home screen to select the site you just created
13. **Locate & Tap on site:** To view data
14. **Set "Alert Thresholds":** Water Volume, PV- Voltage, Input Power & Input Current

INSTALLATION

1. Module needs to be placed upright with an antenna pointing directly to the sky.
2. Please make sure that there is no metal, concrete or any other structures blocking the signal, this includes trees and buildings.
3. From the box, remove the module and the bag of screws
4. Carefully remove the lid from the base ensuring not to damage the cable termination.
5. Remove the pull-tab between the battery and the terminal, the unit is now ready to transmit.
6. Replace the lid and insert screws from the underside of the base.
7. Remove the mounting plate from the bottom of box
8. Feed the cable through the round hole on the top of the mounting plate
9. Fix the module to the mounting plate by:
    - Lifting the screw covers on the lid and inserting the bolts
    - Insert these bolts through the mounting plate and tighten the nuts
10. Screw the mounting plate to the underside of the solar frame through the three pre-drilled holes remembering that the cable is only 4m in length and needs to reach the CIU903 terminal connection point (self-tapping screws are not included).
11. Screw the antenna to the lid of the module
12. Route the cable back to the connection point of the CIU903
13. It is important to protect the cable from vermin and wildlife

Pull Tab

With Self Tappers Fix to underside of Solar Panel