



# SOLAR RELAY

## INVERTER CONTROL with HUAWEI



Models:  
SUN2000-(2KTL-5KTL)-L1

**CATCH Power**  
**A trademark of Project H Pty Ltd**  
180 Dumaresq Street  
Glen Innes  
NSW 2370  
Australia  
Ph: +64 2 5700 5717  
W: [www.Catchpower.com.au](http://www.Catchpower.com.au)  
E: [sales@catchpower.com.au](mailto:sales@catchpower.com.au)

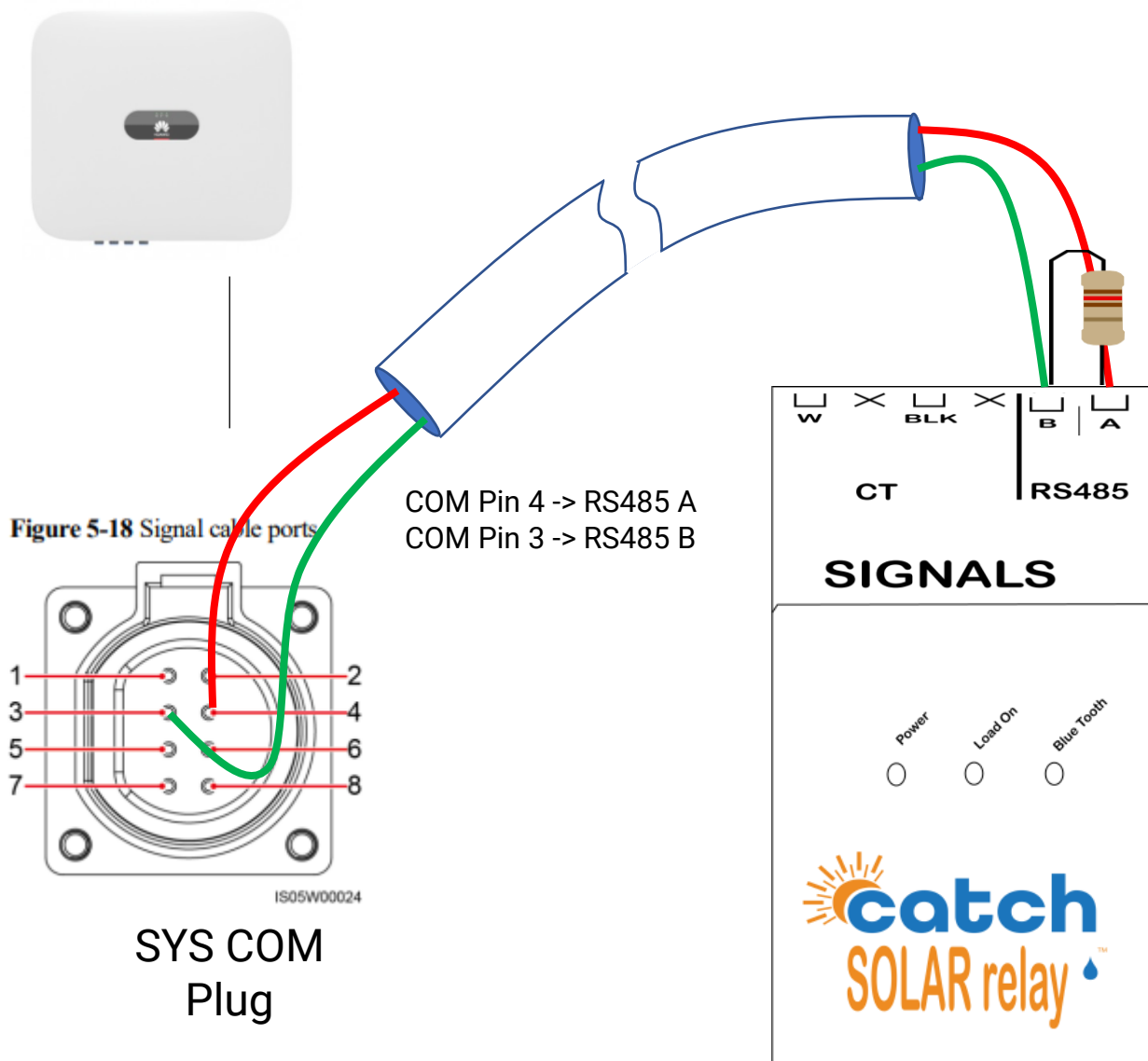


This guide discusses the specific wiring and configuration need to implement inverter control. Ensure the installation guide for both products is also followed.

## Wiring Instructions

Ensure the data cable is rated for the voltages it will be in close proximity to.

A 120 Ohm terminating resistor may be required at the CATCH Relay terminals as shown in the diagram below if the cable run is longer than 10m.



# SOLAR RELAY Setup

The Solar Relay Must be configured before the Inverter, otherwise the inverter will not allow you to complete the entire setup process.

Modbus Configuration

Emulated Meter

Huawei CHINT DDSU666

Cluster Export Limit

0

Modbus Device ID

1

Modbus Baud Rate

9600

Modbus Stopbits

2

Modbus Parity

None

# Inverter Setup

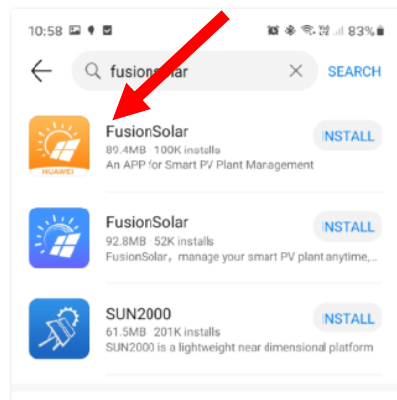
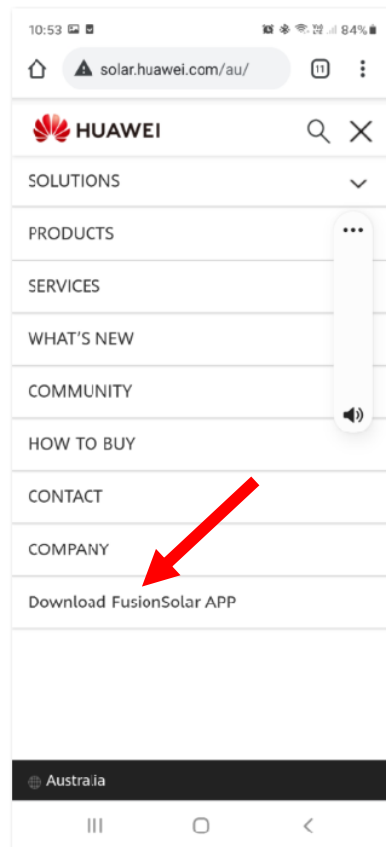
The configuration of the Huawei inverter is done through the **FusionSolar** App. This App is not available on the Apple or Google stores. The steps to obtain the App are listed below

Go to <http://solar.huawei.com/au> and click on the **Download FusionSolar App**.

The Download FusionSolar APP link actually asks you to install the Huawei App Gallery.

Once the Huawei App gallery is installed, open it and search for FusionSolar. There are two FusionSolar apps. Choose the one with the orange icon

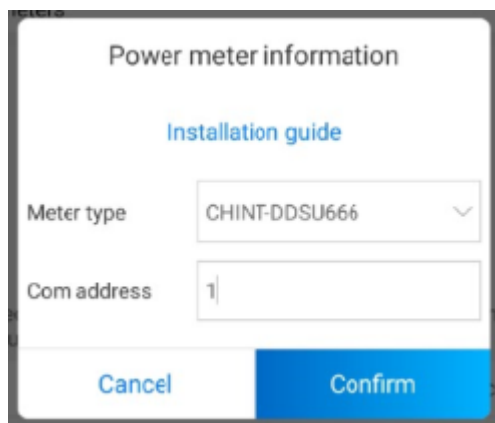
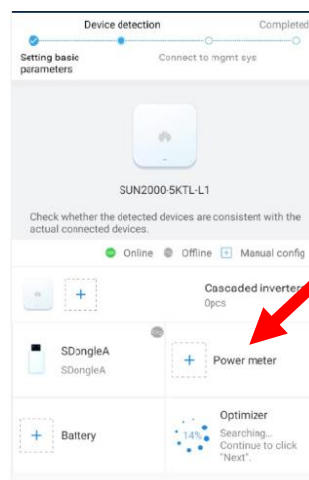
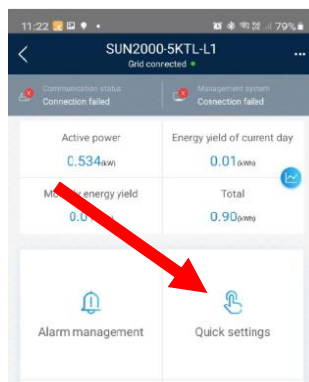
Follow the Huawei installation guide on how to commission the inverter using the FusionSolar App.



# Inverter Setup..Continued

Once you have logged into the inverter using the FusionSolar app follow these steps.

1. Quick Settings
2. Add Power Meter
3. Choose **CHINT-DDSU666** and Com Address set to **1**



# Inverter Setup..Continued

Configure the export limit inside the inverter

1. Power Adjustment
2. Grid-tied Point Control
3. Active Power
4. The setup the appropriate export controls

