

Solinteg & Third-Party Device Combination

INTEGRATE SOLAR INTELLIGENTLY



Brief Introduction

What can we do with the third-party device?

With more and more loads connected to your inverter, how to dispatch green power and save more on bills by using more green energy would be a problem. With the integration of Solinteg and third-party device, we could manage our energy more intelligently and efficiently.



Energy Management

To know your energy generation and consumption more clearly and use it more efficiently.



Intelligent Load Management

To control your smart loads by different factors intelligently and remotely.



Self-consumption Optimization

Scheduling the energy intelligently according to the power generation and saving more on the bills.

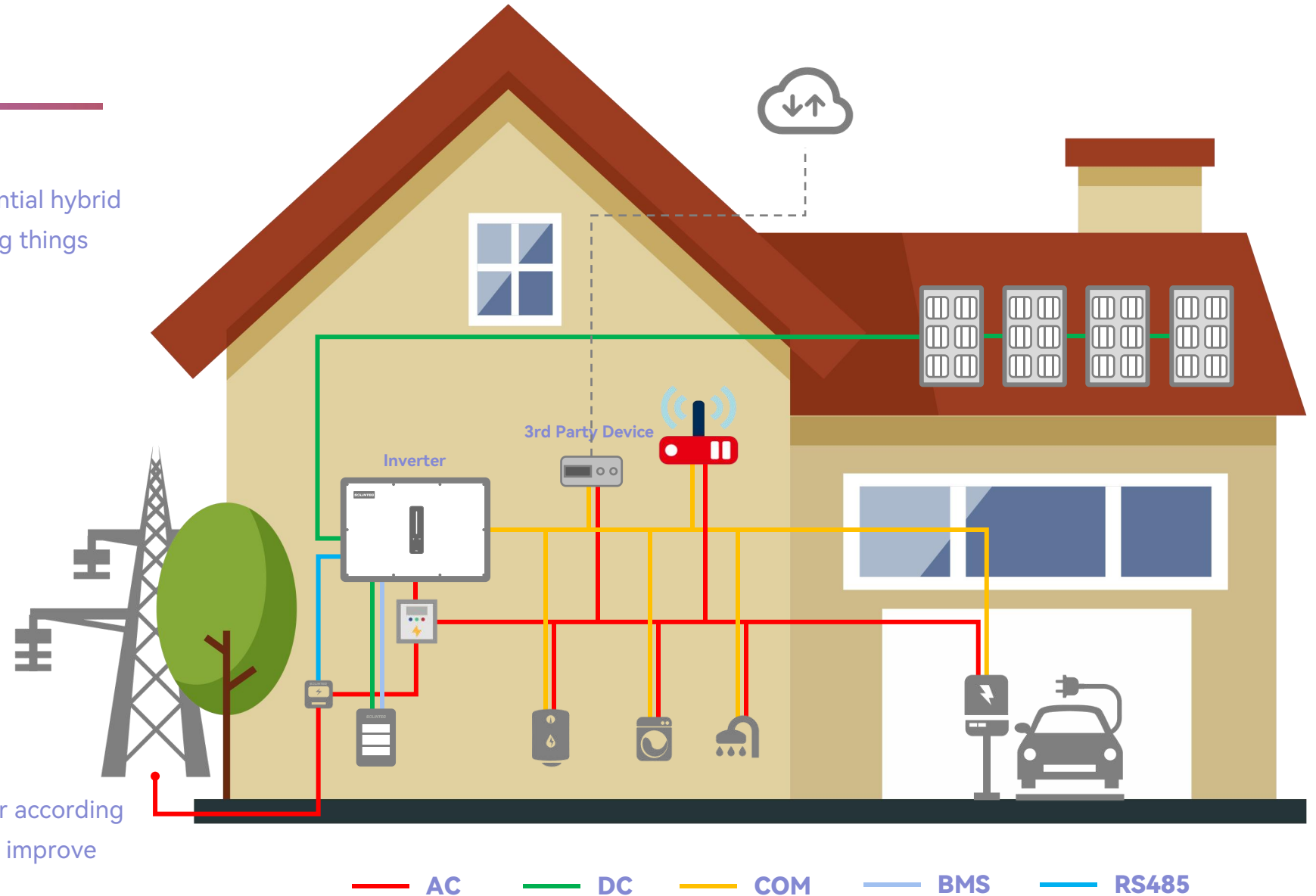


Solution

How does it work

Here is a simple wire connection of a residential hybrid system, usually we can connect the following things into the system:

- A Solinteg MHT inverter
- Battery
- Solar panels
- Router
- 3rd party device
- A phone or iPad for APP
- Smart meter
- SG ready heat pump and other loads
- EV charger
- etc.



The 3rd party device will dispatch the power according to different situations accordingly to help us improve the power use efficiency.

Connection 1

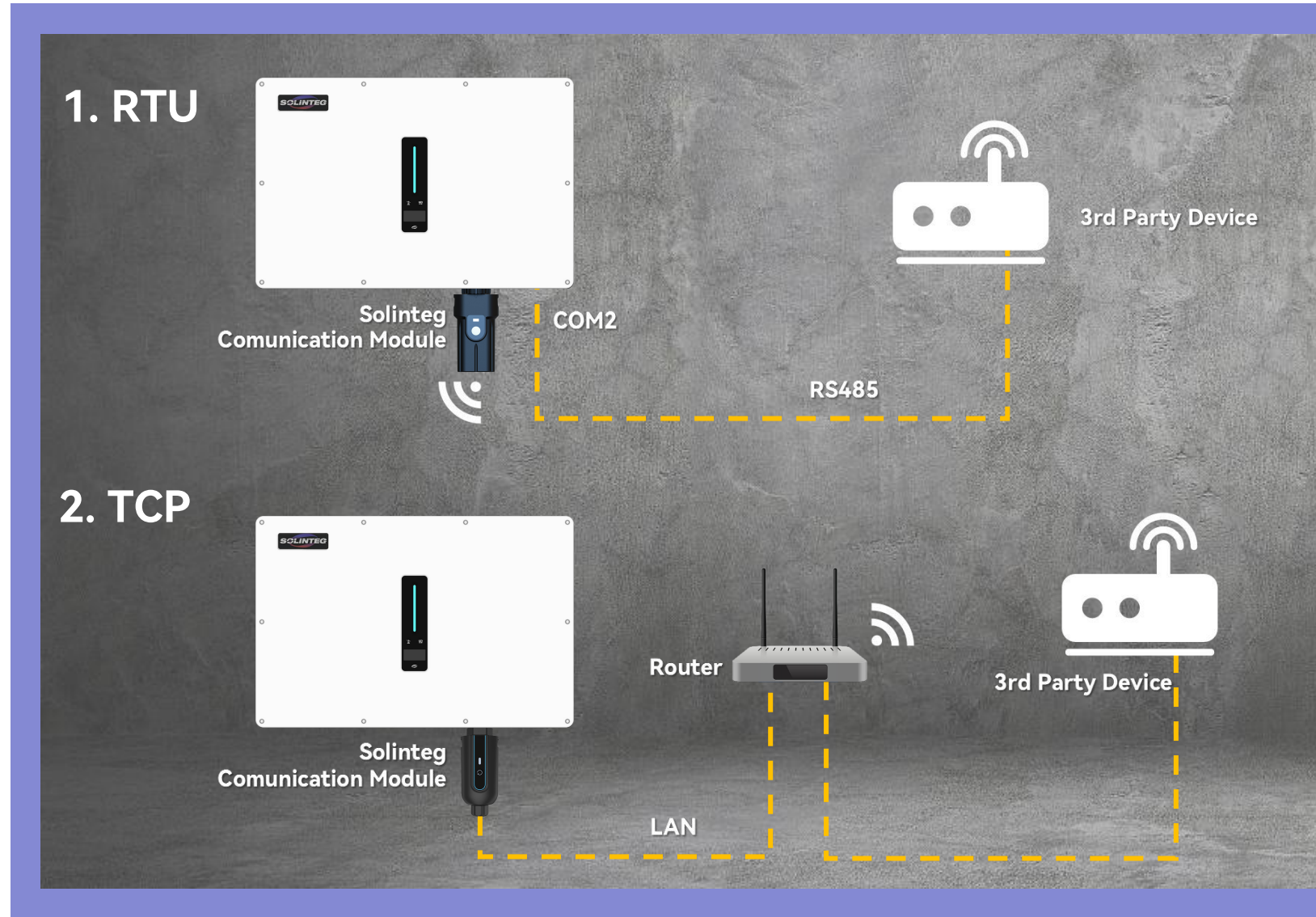
Recommended

For RS485 Communication:

1. Connect the 3rd party device to inverter COM2;
2. Connect the wifi module or Duocom to the inverter.

For LAN Communication:

1. Connect the inverter to the router via LAN module or Duocom;
2. Connect the 3rd party device to the router.



Connection 2

Not Recommended !

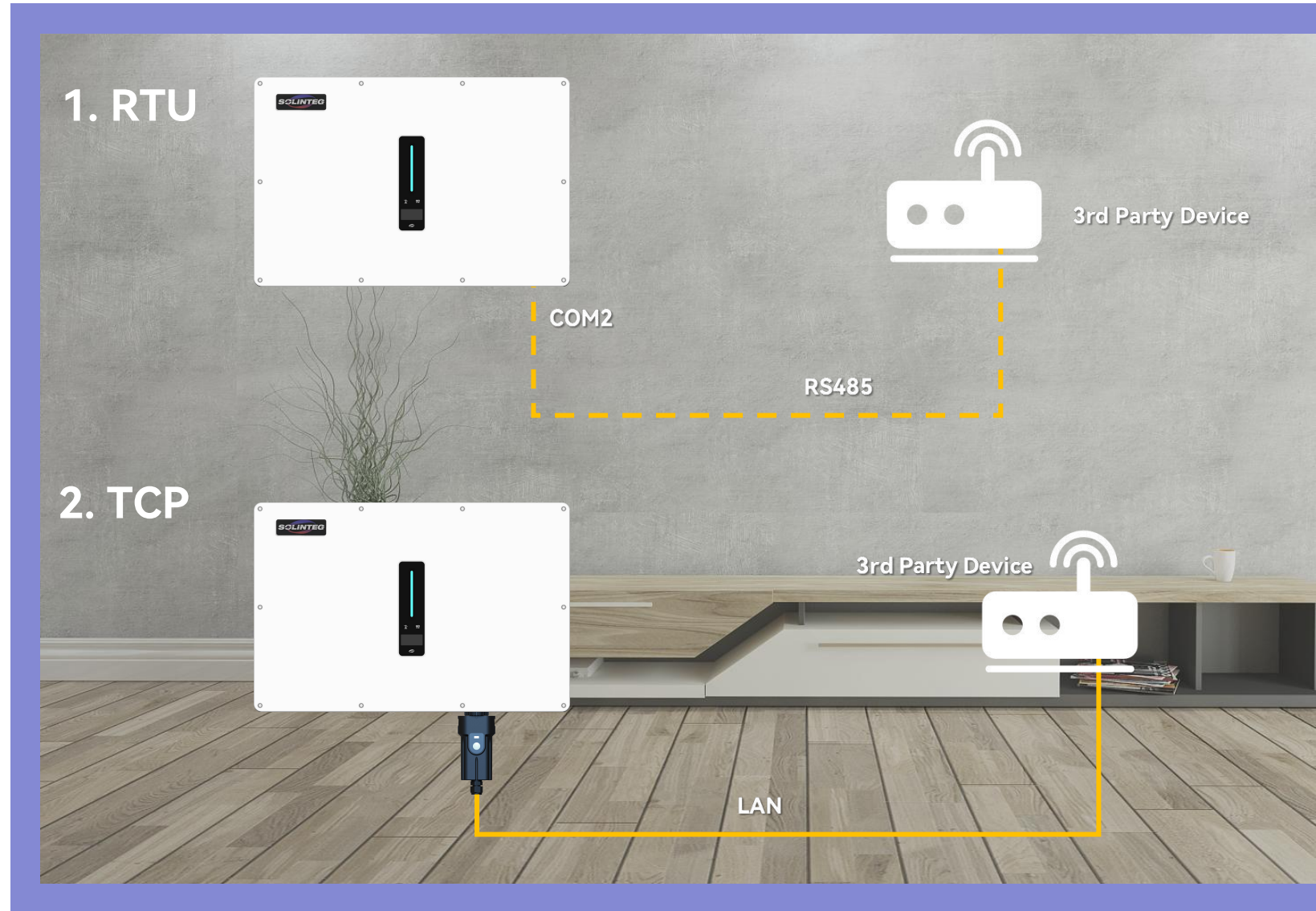
For RS485 Communication:

Connect the 3rd party device to inverter COM2;

For LAN Communication:

Connect the inverter to the 3rd party device via LAN module or Duocom directly;

*: Not recommended, as the inverter cannot send the data to Solinteg Cloud, it will reduce the efficiency of after-sales processing when problem occurs.



Connection 3

Not Recommended !

When using other customized communication module, please refer to their user manual.

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 Visit Solinteg website to find out more

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