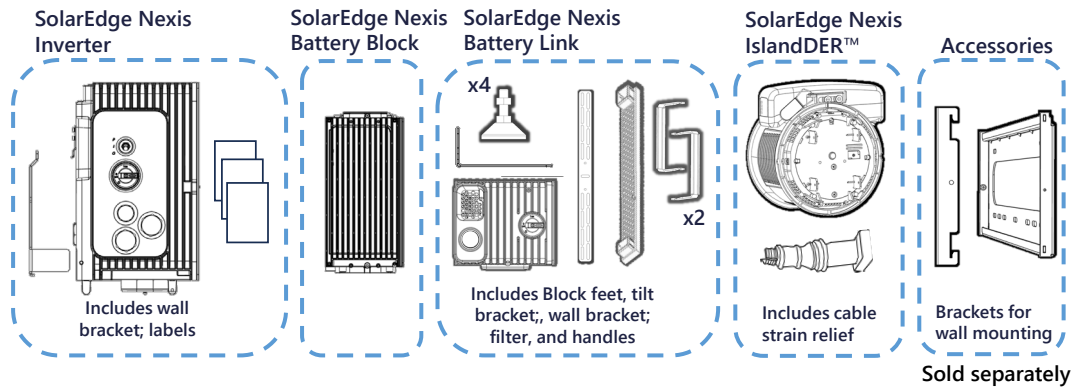


System components



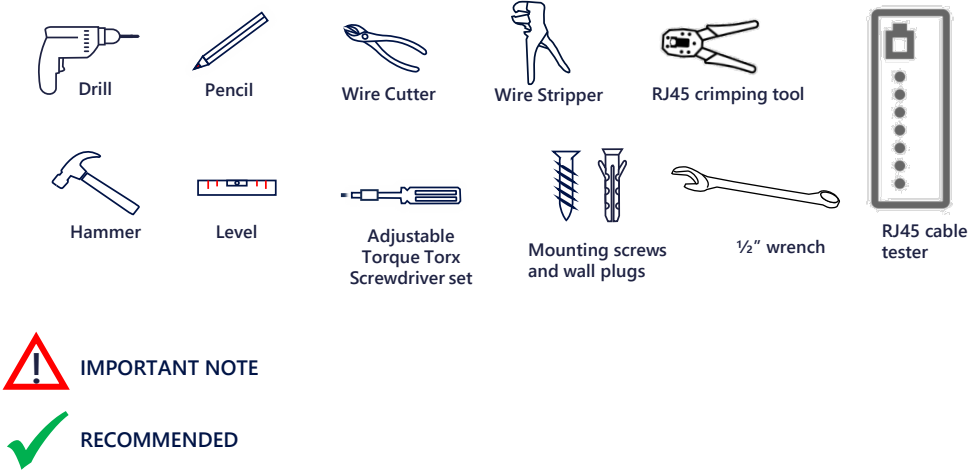
WARNING!
This symbol denotes a hazard. The symbol calls attention to a procedure that could result in injury or loss of life if not correctly performed or adhered to. Do not proceed beyond a warning note until the conditions are fully understood and met.

CAUTION! Denotes a hazard. The symbol calls attention to a procedure that could result in damage or destruction of the product if not correctly performed or adhered to. Do not proceed beyond a caution sign until the indicated conditions are fully understood and met.

TORQUE: A torque value in Nm

For the SolarEdge Nexus Information center, click [here](#).

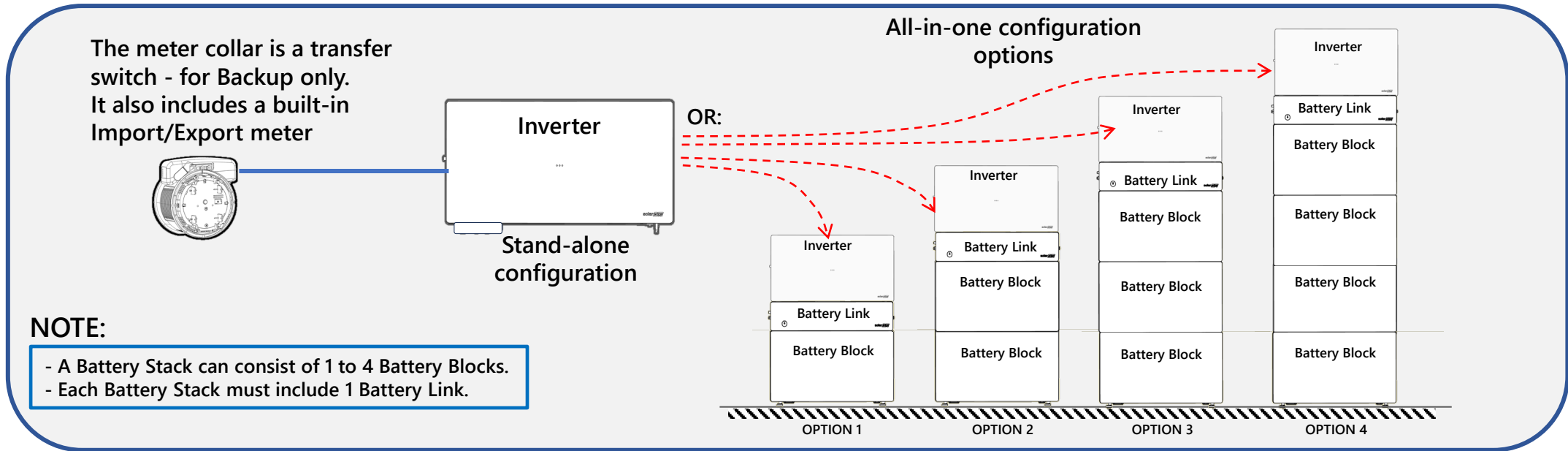
Tools and materials



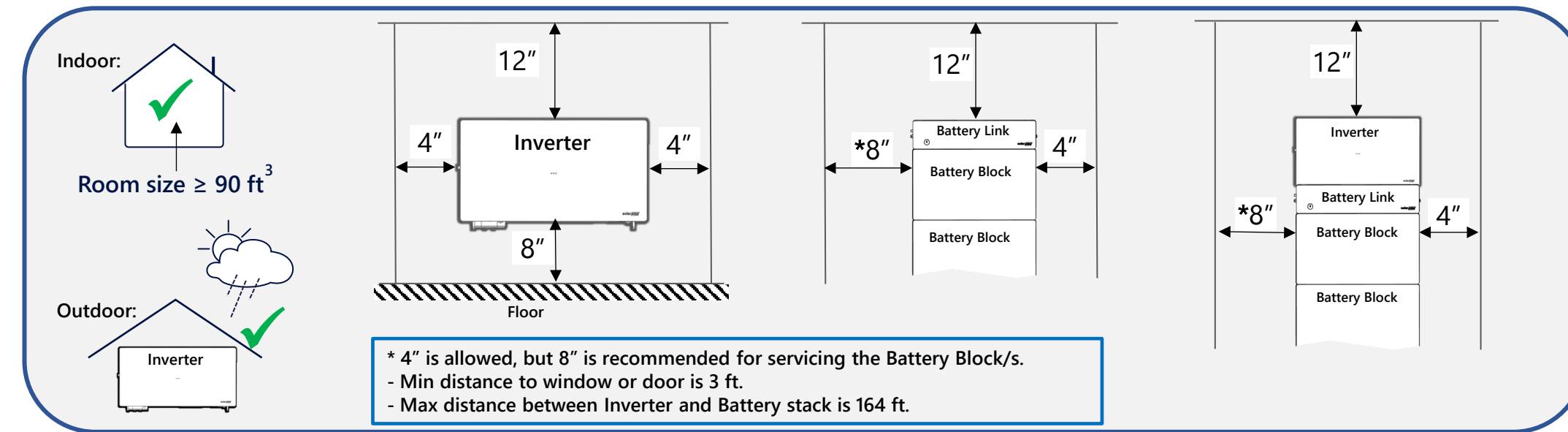
IMPORTANT NOTE

RECOMMENDED

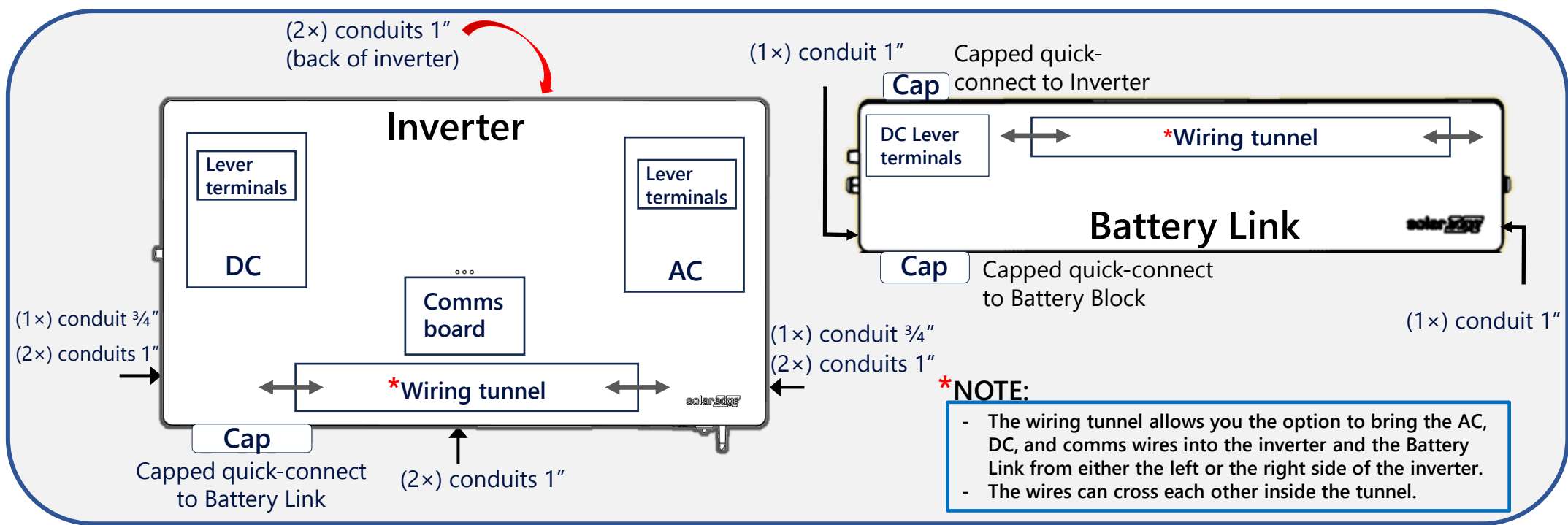
SYSTEM OVERVIEW



PLANNING

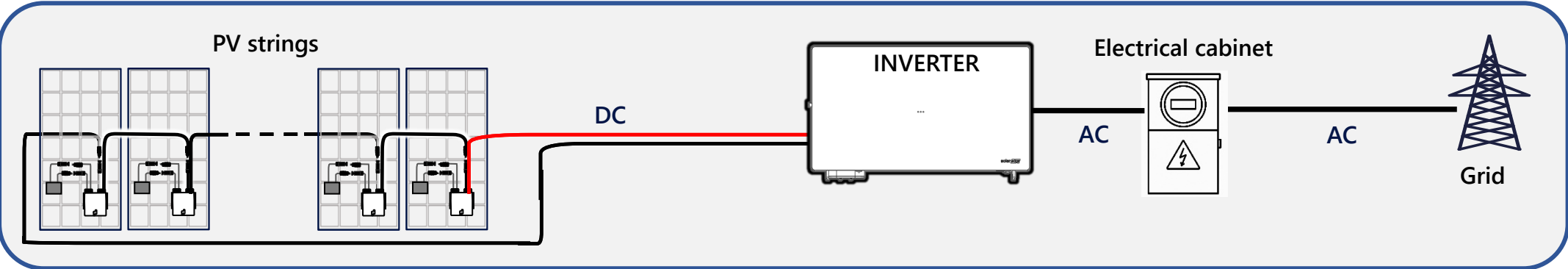


WIRING CONSIDERATIONS



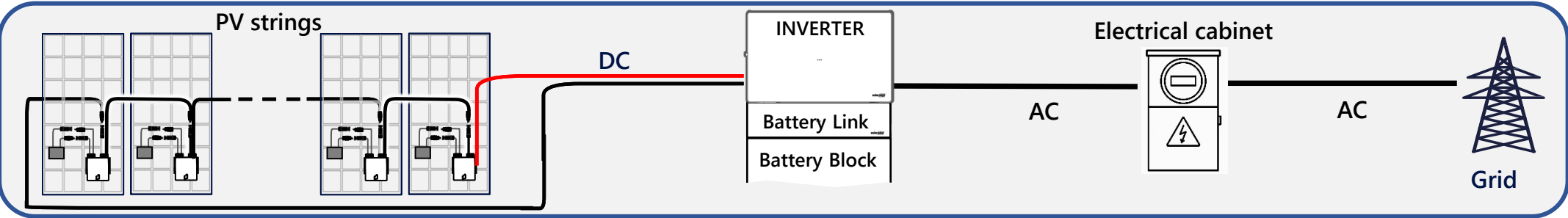
SYSTEM CONFIGURATION OPTIONS

1. PV-ONLY SYSTEM

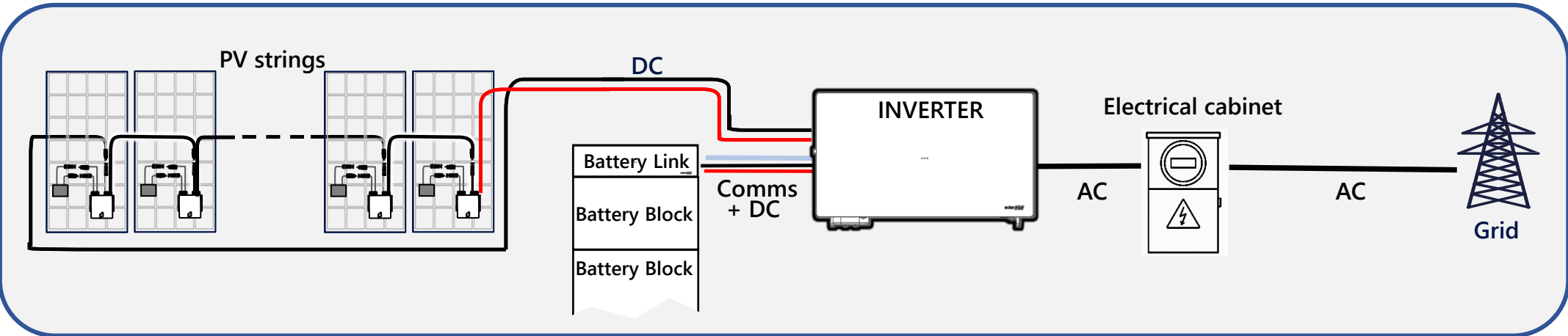


2. PV + STORAGE

2.1 ALL-IN-ONE CONFIGURATION

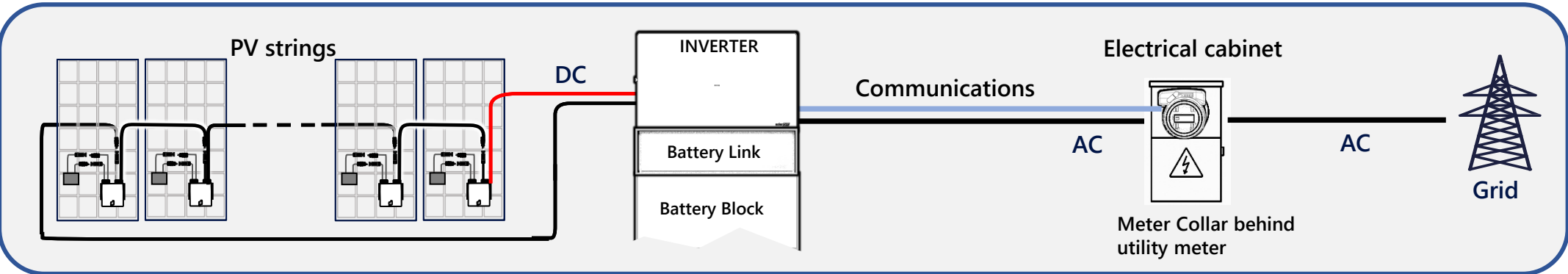


2.2 STAND-ALONE INVERTER CONFIGURATION

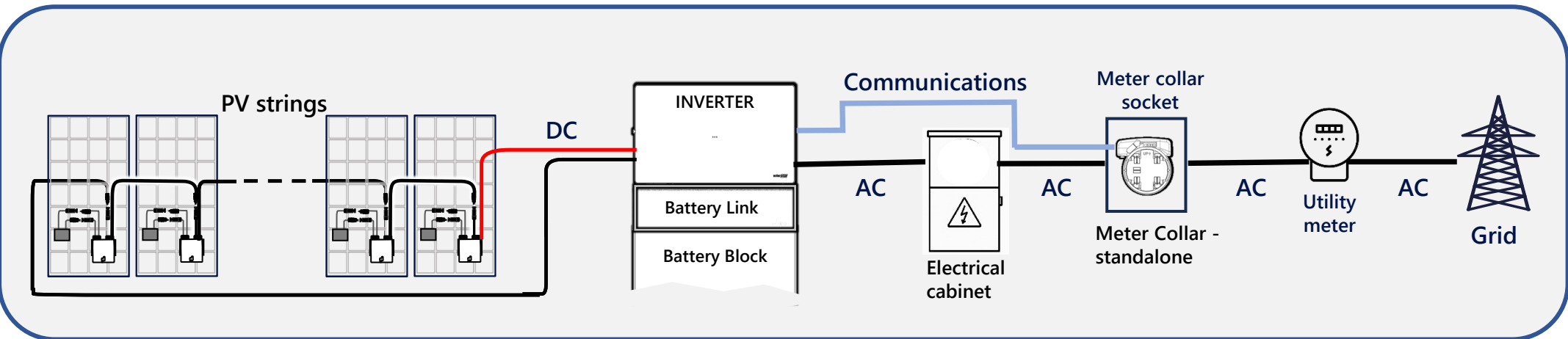


3. STORAGE WITH BACKUP SYSTEM

3.1 Meter Collar installed directly behind utility meter inside the electrical cabinet



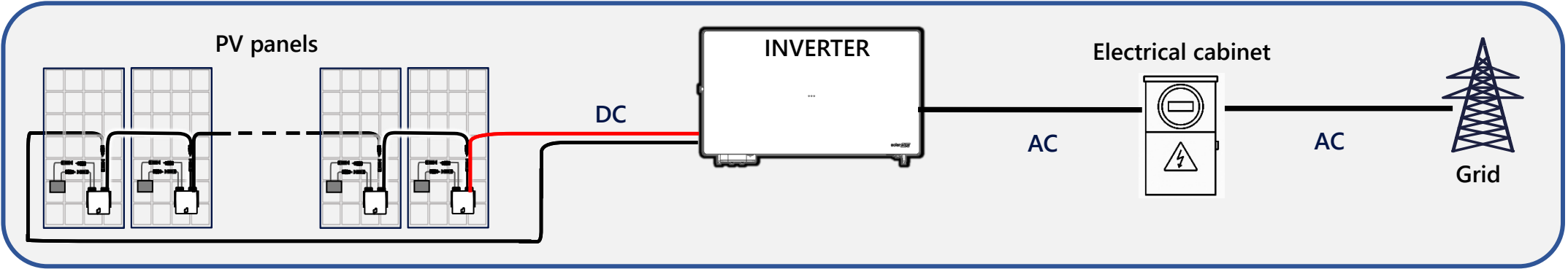
3.2 Meter Collar installed on a separate meter socket



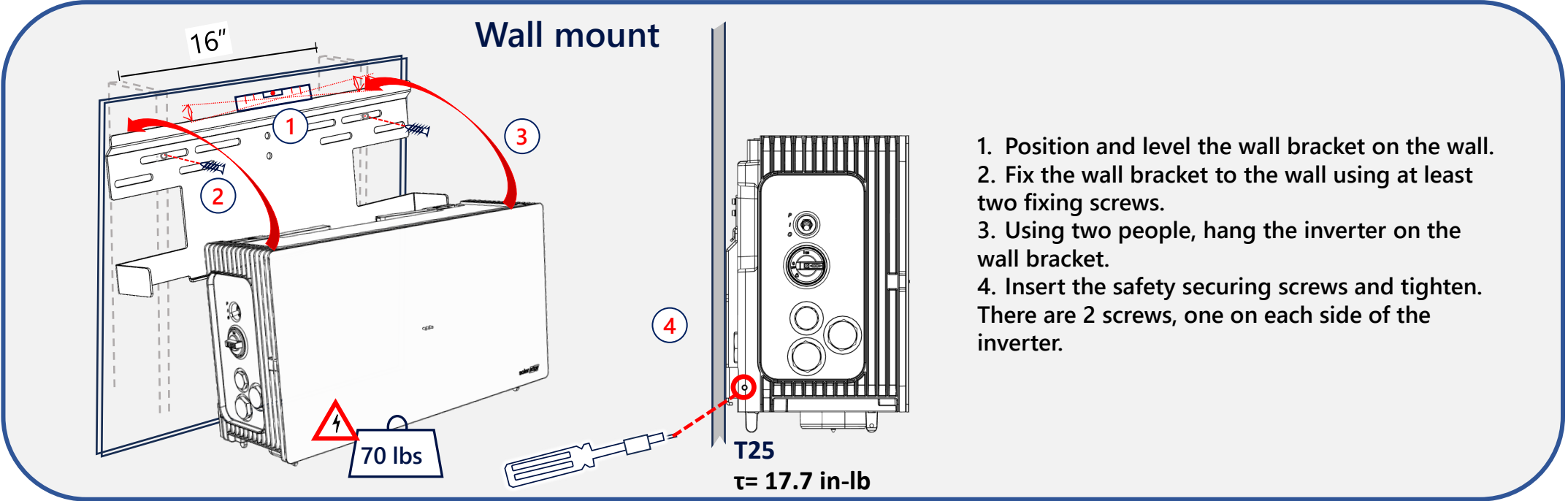
AUTO SOFTWARE UPDATES

! To save valuable commissioning time, we recommend that you first connect the inverter to the battery, meter collar, internet, and the AC, and turn the system ON for background software updates. You can then proceed with other installation activities while the software is updating.

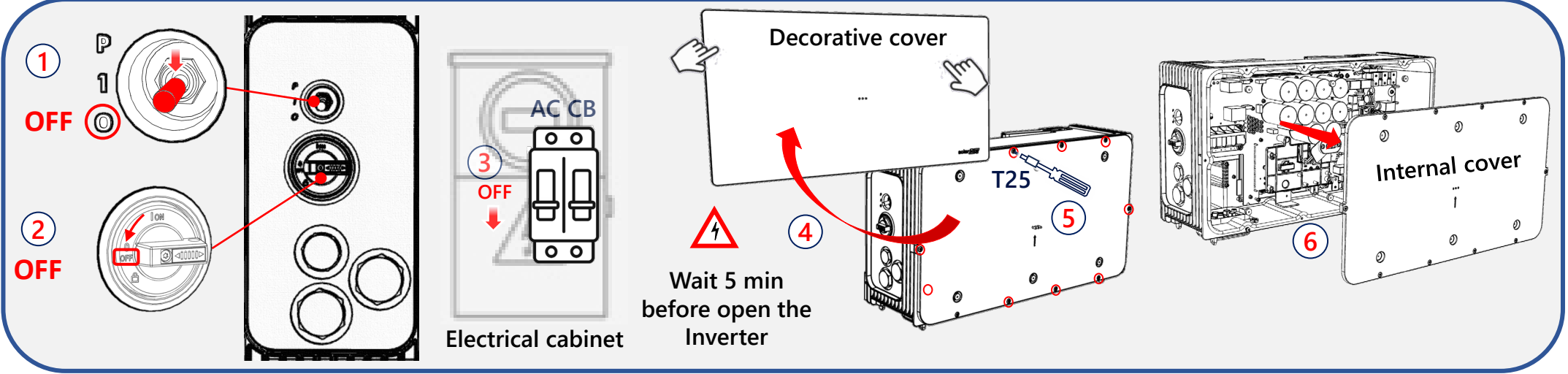
1. PV-ONLY SYSTEM



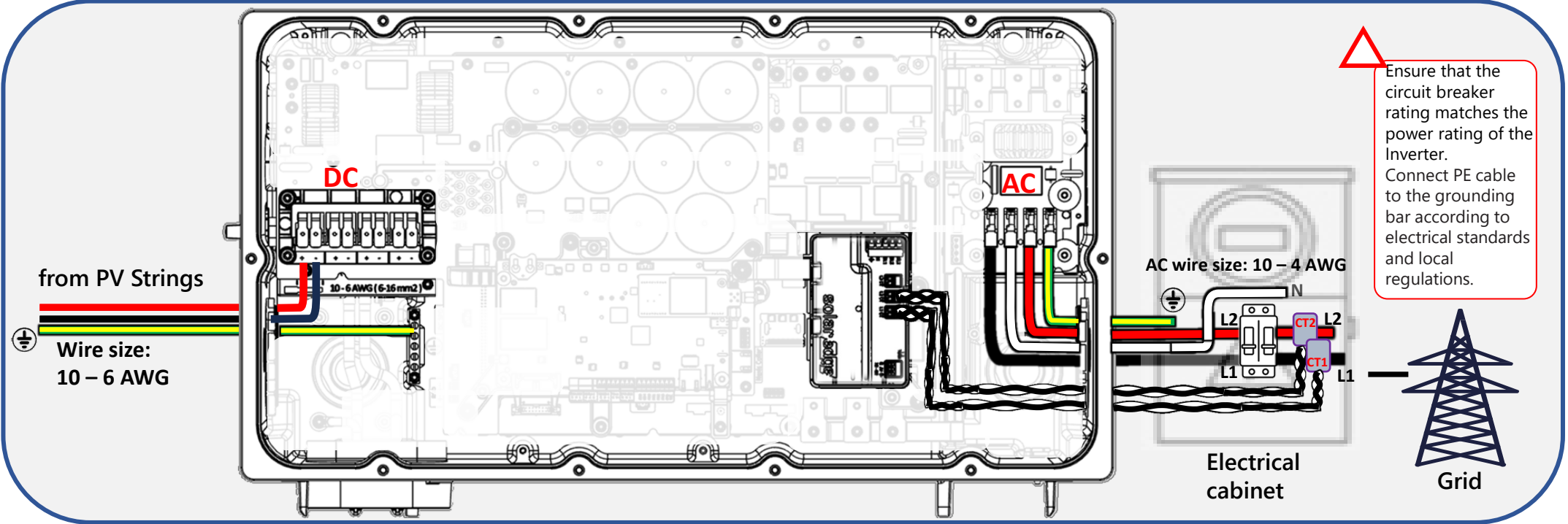
1.1 Mounting the inverter



1.2 Removing the inverter covers ⚡

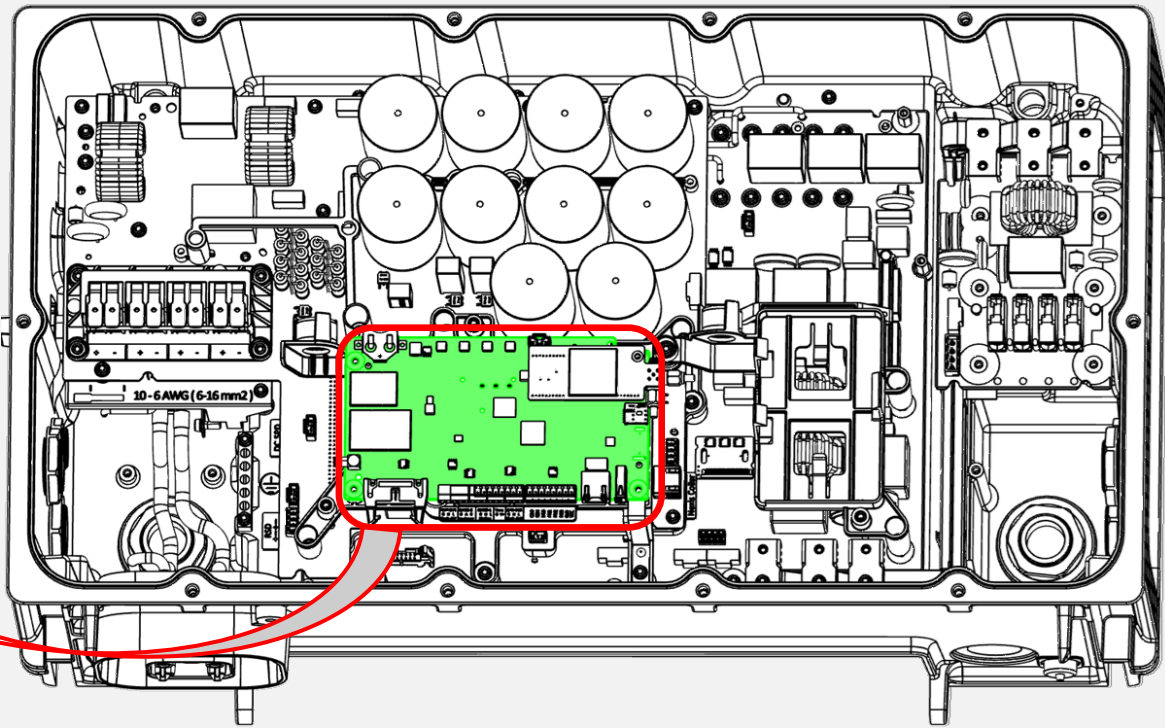


1.3 Wiring the inverter



1.4 Adding communications

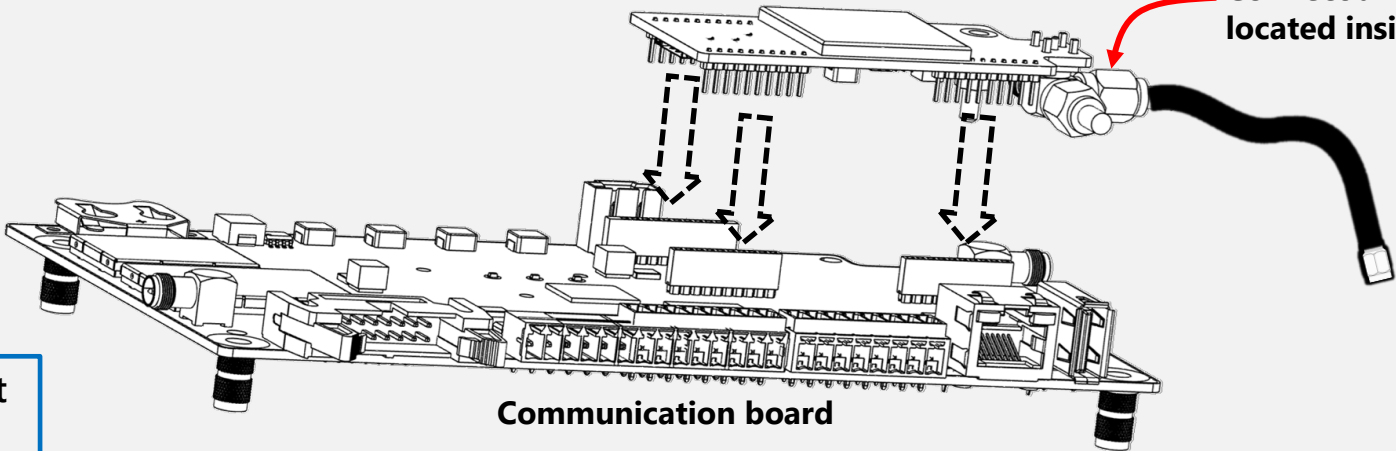
Communication board



1.5 Adding cellular communications (optional)

Cellular module

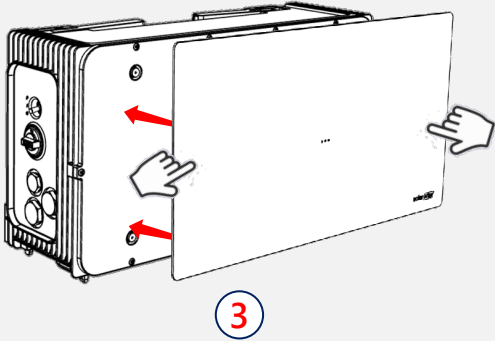
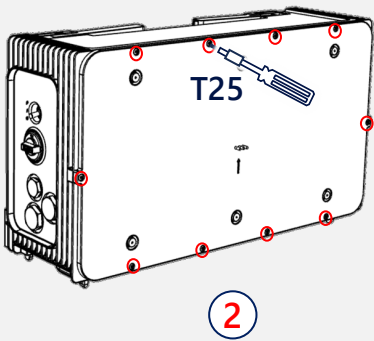
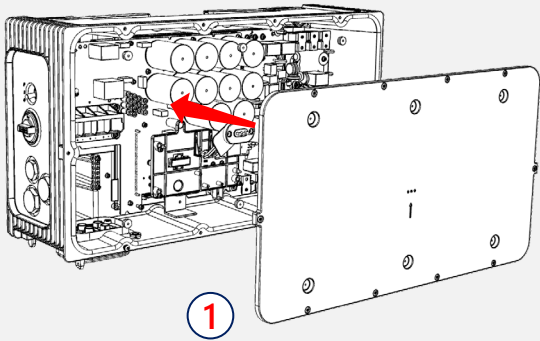
Connect antenna wire located inside the Inverter



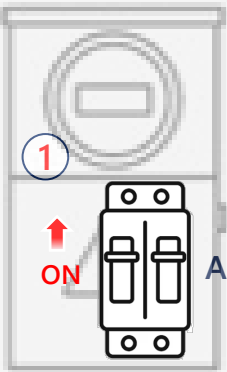
NOTE:
Don't forget to open right external antenna

1.6 Refit the inverter covers

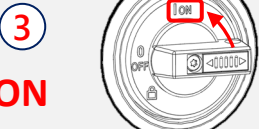
$\tau = 34.5 \text{ in-lb}$



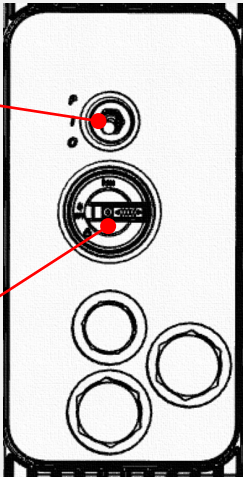
1.7 Connect to Wi-Fi (optional)



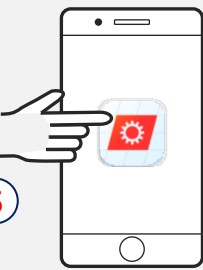
Turn on the AC



Turn on the inverter



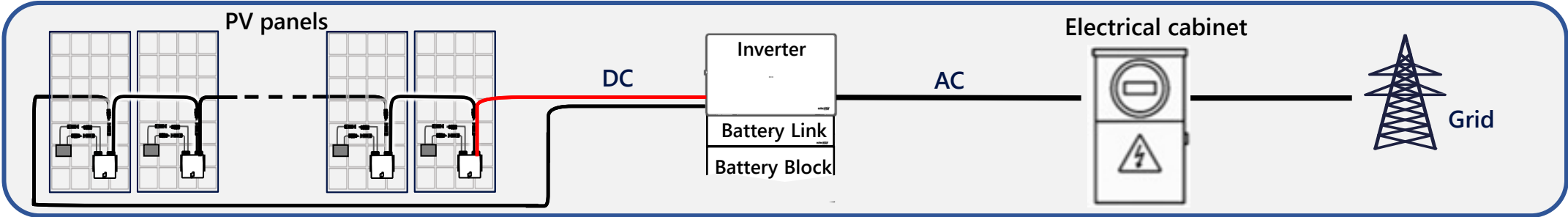
Scan for SolarEdge GO



Run SolarEdge Go and follow the instructions on the screen
Don't forget to open left external antenna

2. PV + STORAGE

2.1 ALL-IN-ONE CONFIGURATION



2.1.1 Building the Battery

2.1.1.1 Floor mount – Battery Block #1 (all accessories available in battery Link package)

1 Attach the feet

2 Attach the filter

3 Attach the handles

4 Use 2 people to lift the Battery Block onto its feet

5 Level the first Battery Block by adjusting its feet

6

Minimum Distance from the wall:
← without Inverter on top
← with Inverter on top

USE THE TILT BRACKET TO POSITION THE BATTERY BLOCK CORRECTLY RELATIVE TO THE WALL. DO NOT FIX THE BRACKET TO THE WALL YET!

2.1.1.2 Wall mount – Battery Block #1

1 Level the wall bracket and attach it to the wall

2

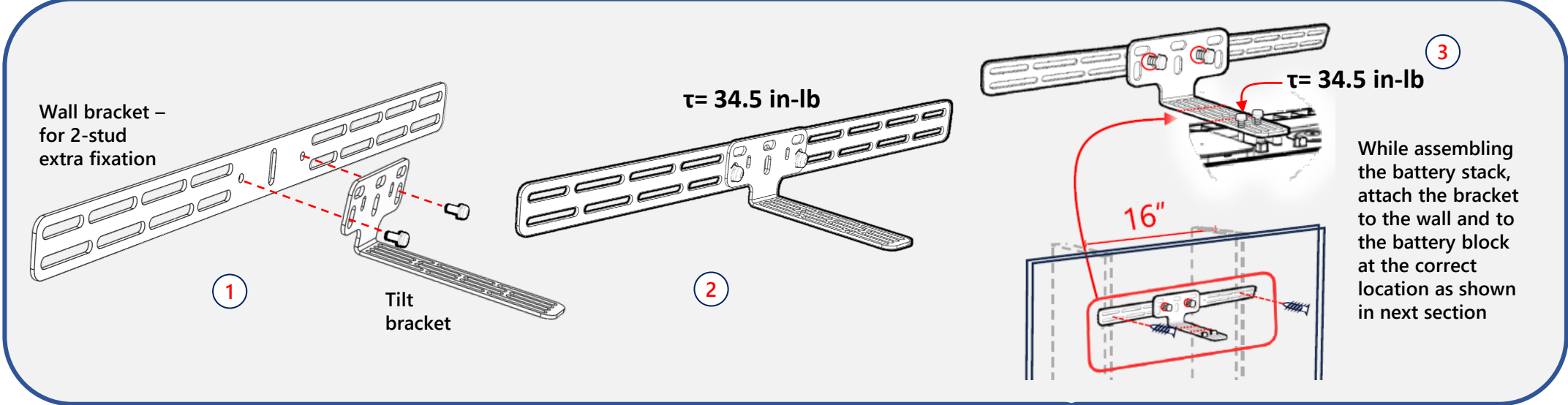
3

4 Hang the Battery Block on the wall bracket

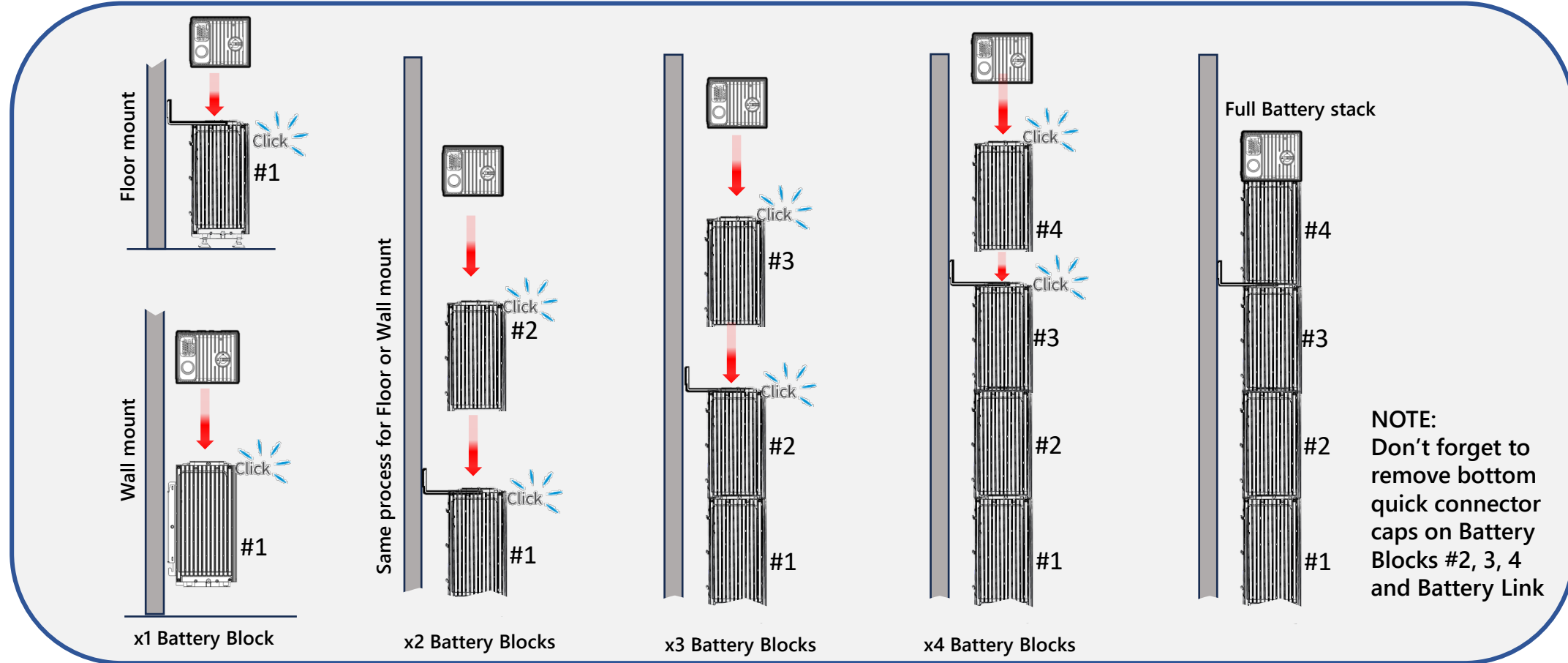
5 Fix the Battery Block to the wall bracket

τ = 8.9 in-lb

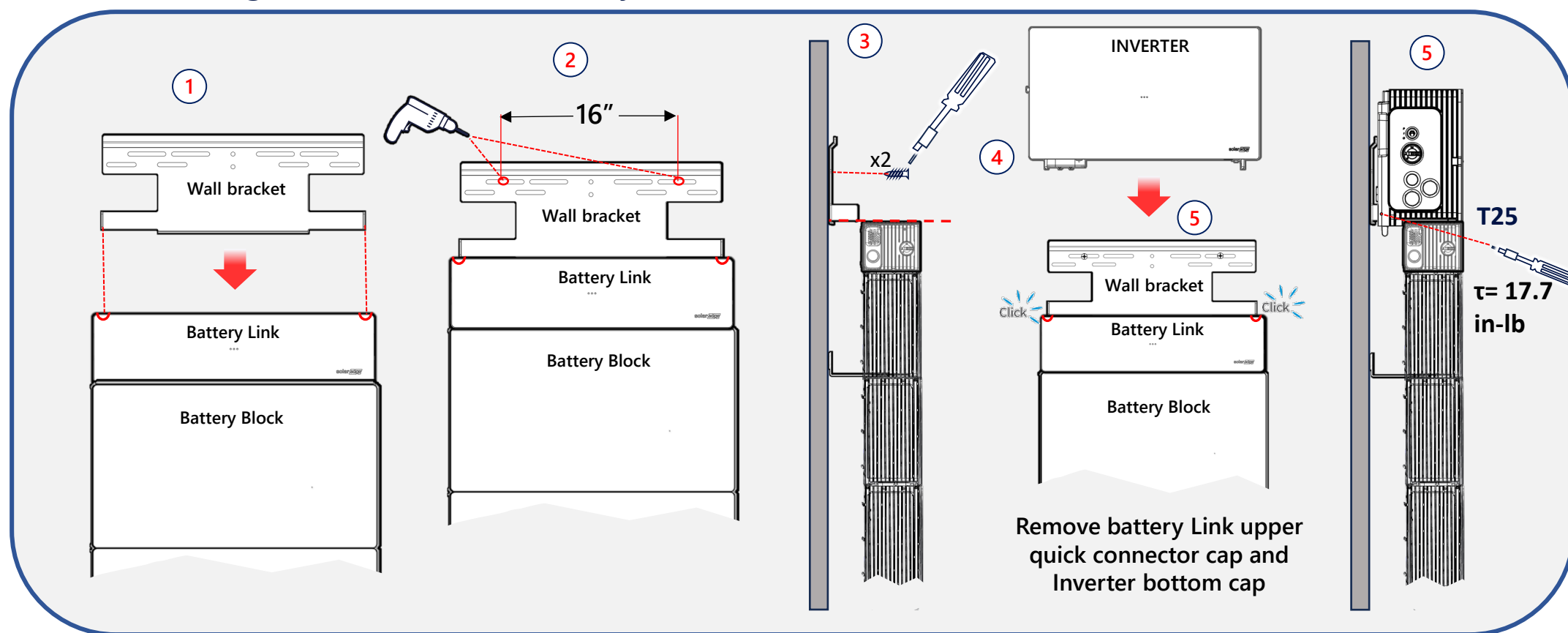
2.1.2 Prepare the Battery brackets for wall or floor mounting



2.1.3 Building the battery – 1,2,3,or 4 Battery Blocks with Battery Link



2.1.4 Mounting the inverter on Battery Stack

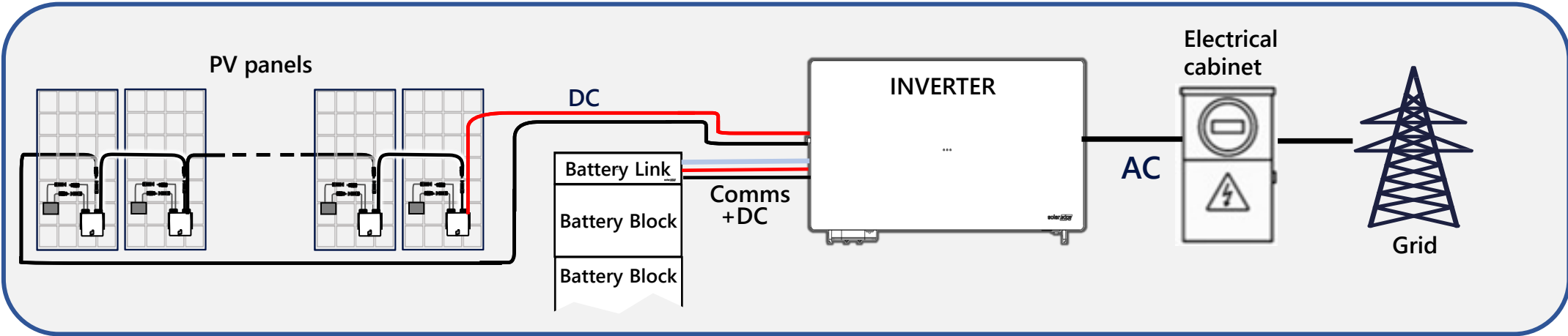


2.1.5 Wiring the inverter

Wire the DC from PV to the inverter and the AC between the inverter and the electrical cabinet as per [Section 1.3](#).

⚠ NO Battery wiring is required!!

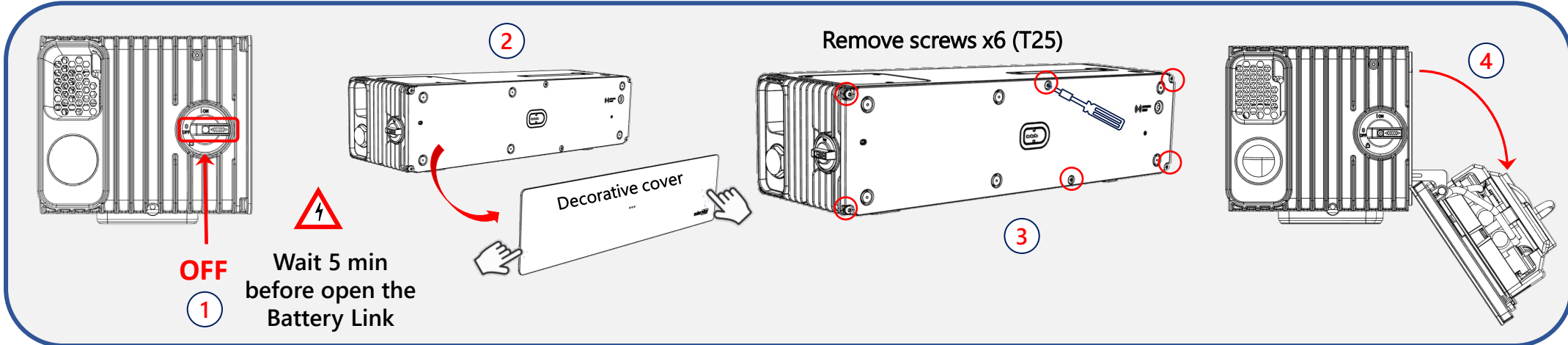
2.2 STAND-ALONE INVERTER



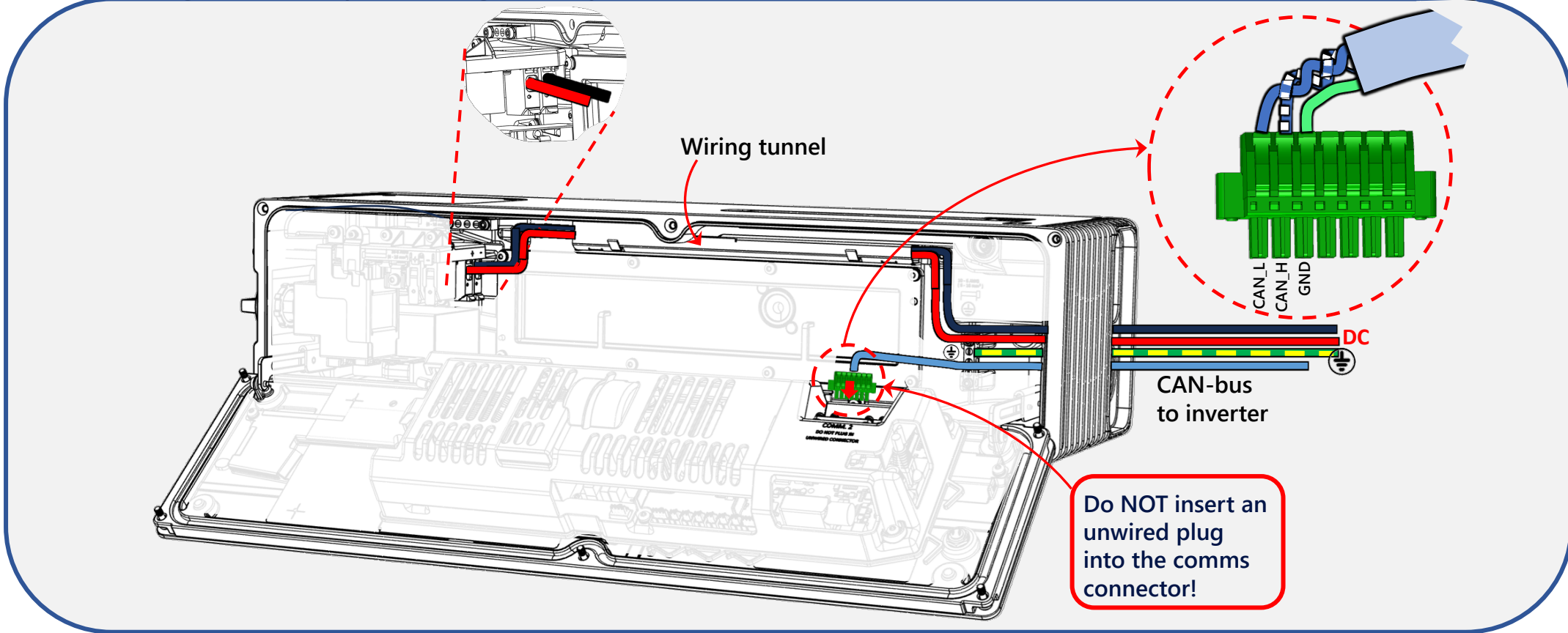
2.2.1 Building the Battery

Build the Battery according to [2.1.1](#), [2.1.2](#), and [2.1.3](#)

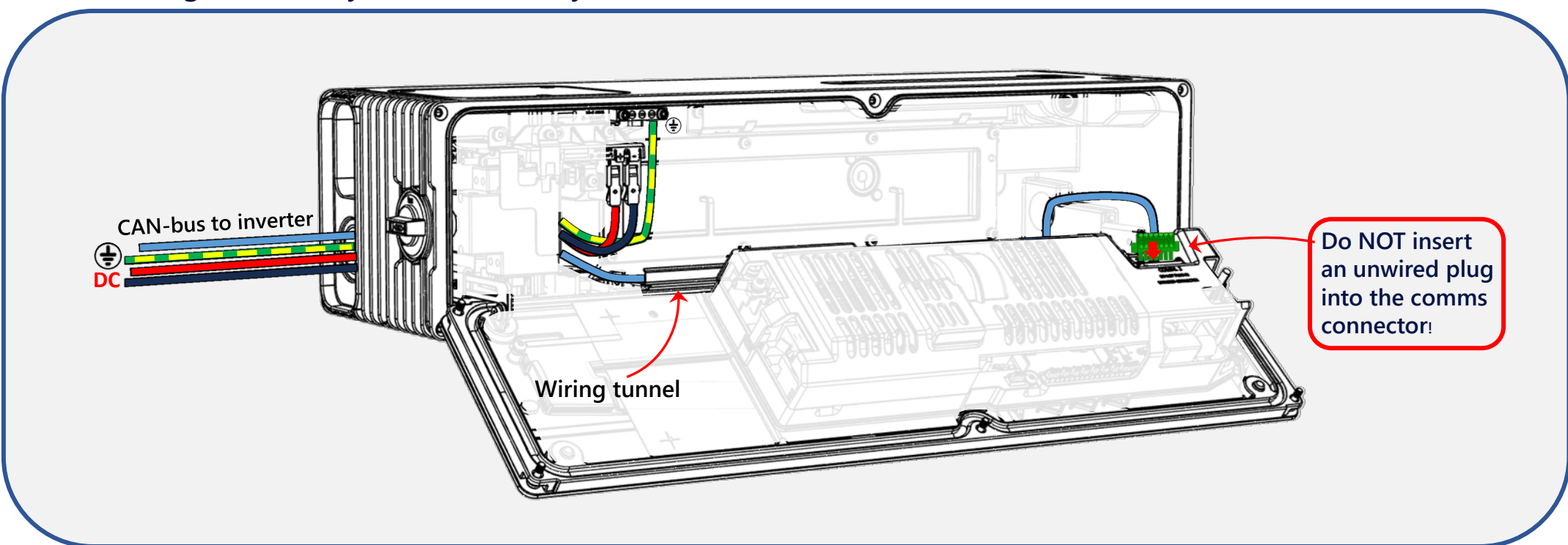
2.2.1 Opening the Battery Link



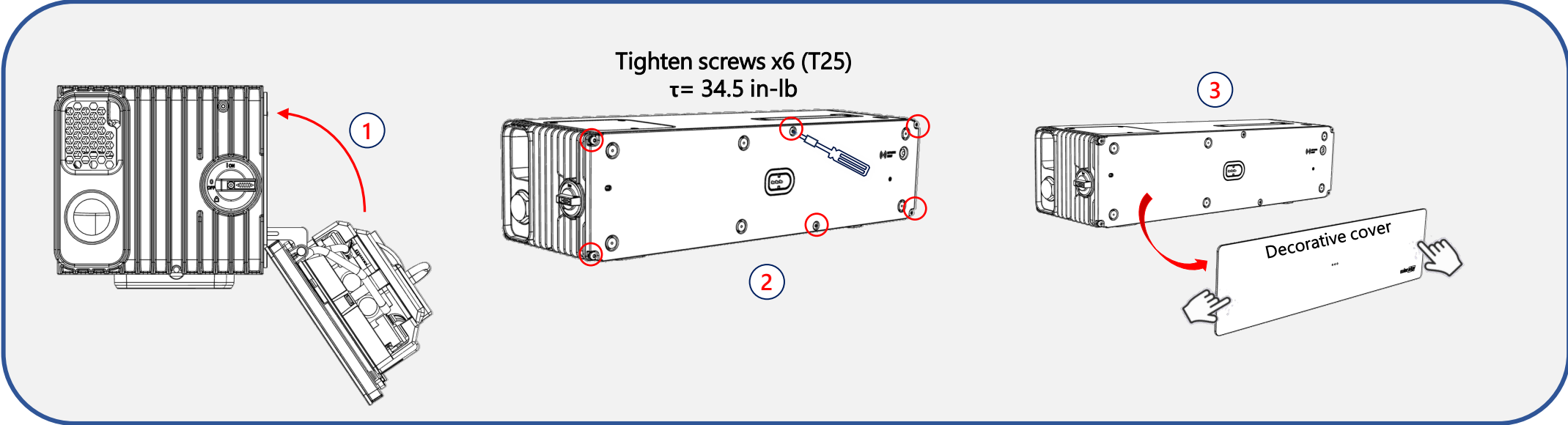
2.2.2a Wiring the Battery Link – right entry



2.2.2b Wiring the Battery Link – left entry



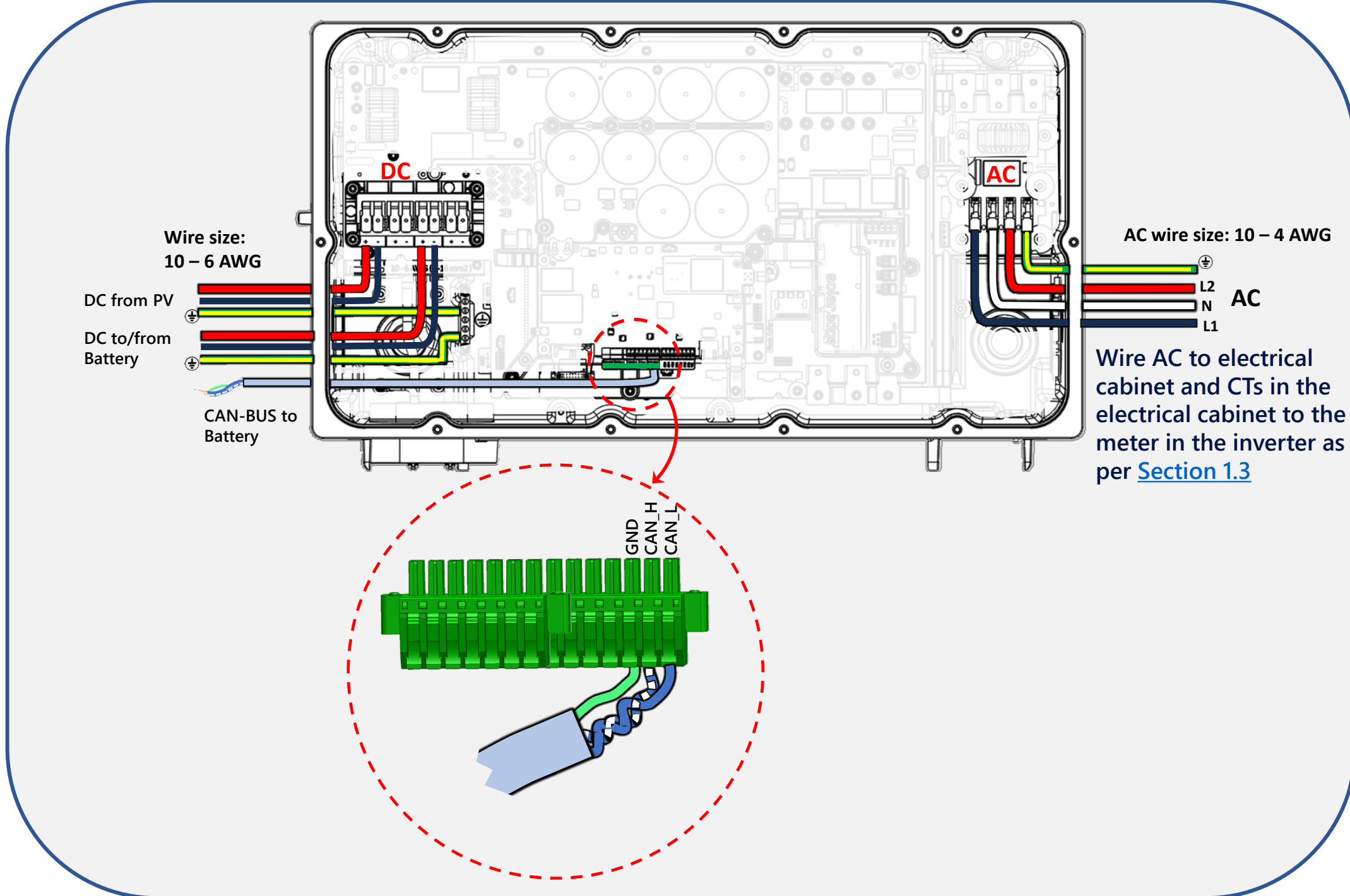
2.2.3 Closing the Battery Link



2.2.4 Removing the inverter covers

Refer to [Section 1.2](#)

2.2.5 Wiring the inverter

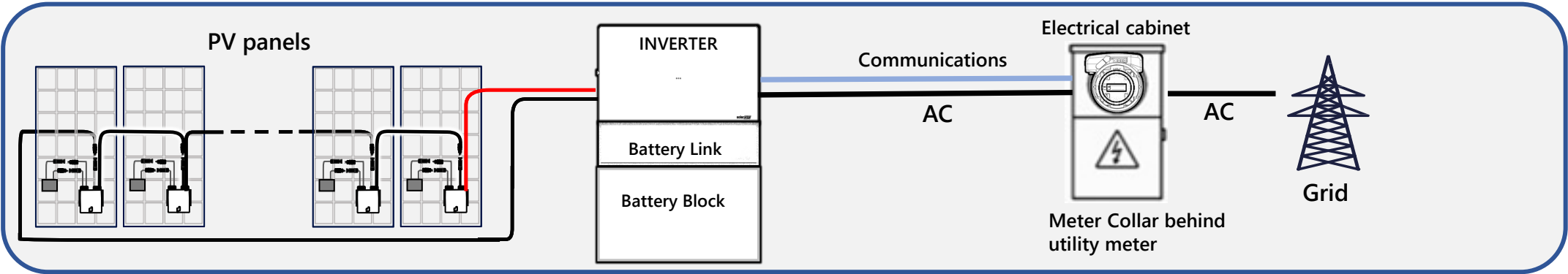


2.2.4 Refitting the inverter covers

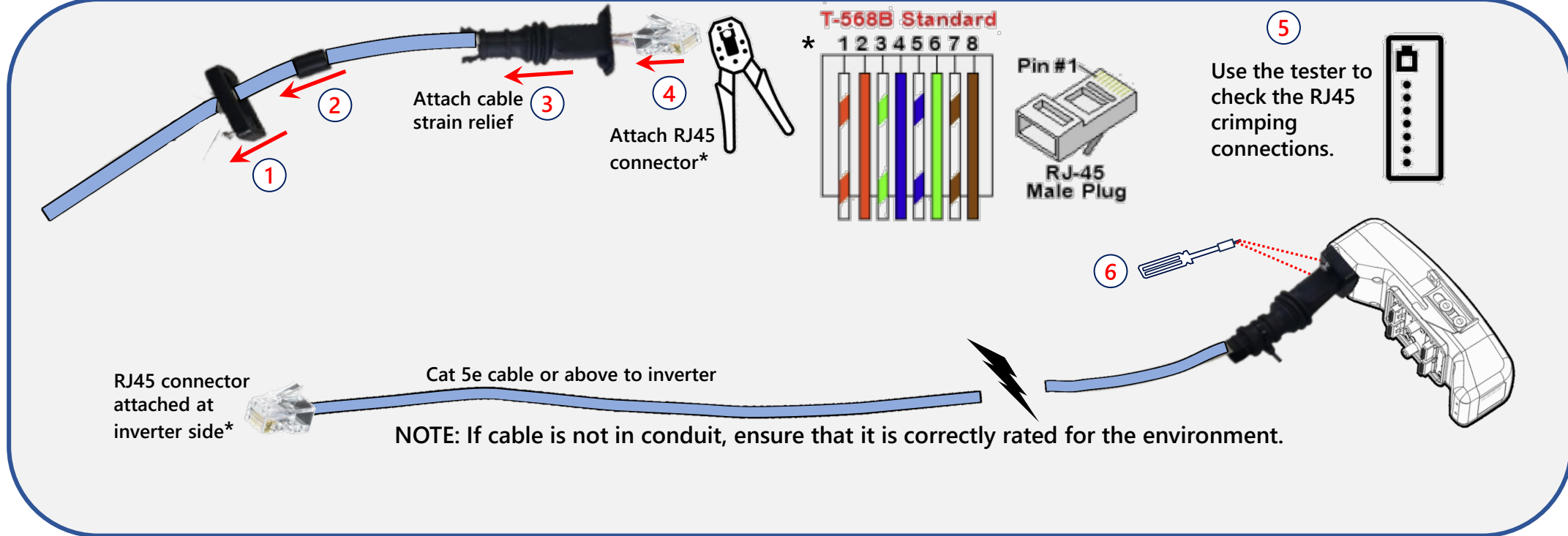
Refer to [Section 1.6](#)

3. STORAGE WITH BACKUP SYSTEM

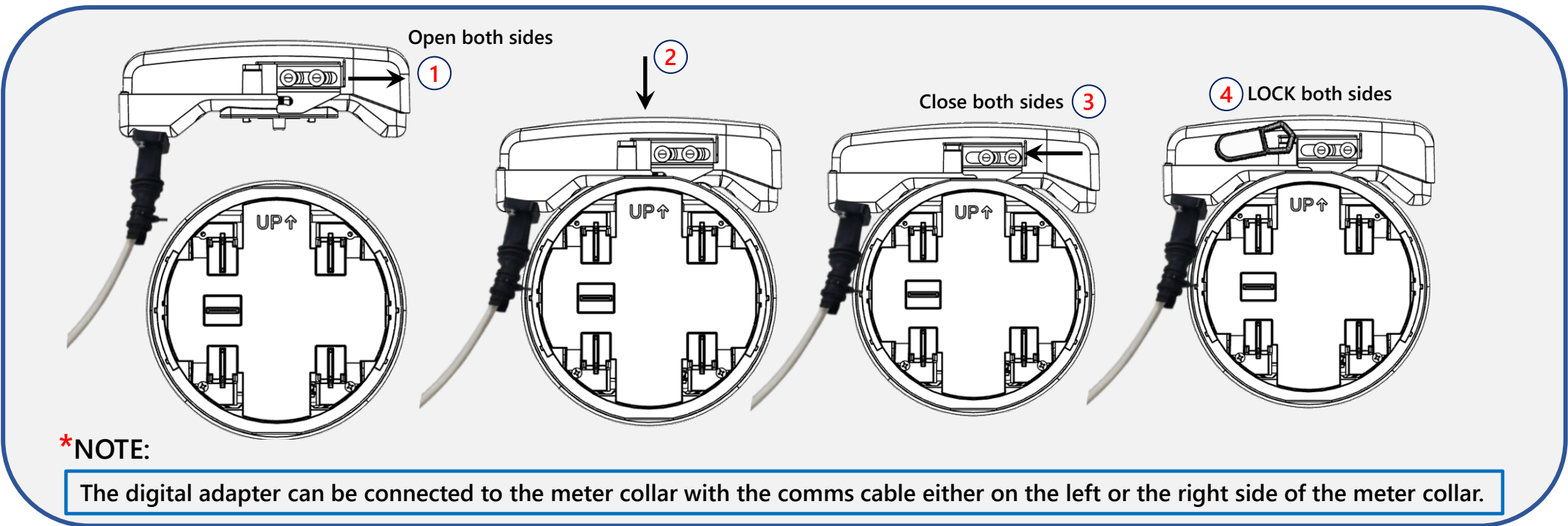
3.1 Meter Collar installed directly behind utility meter inside the electrical cabinet



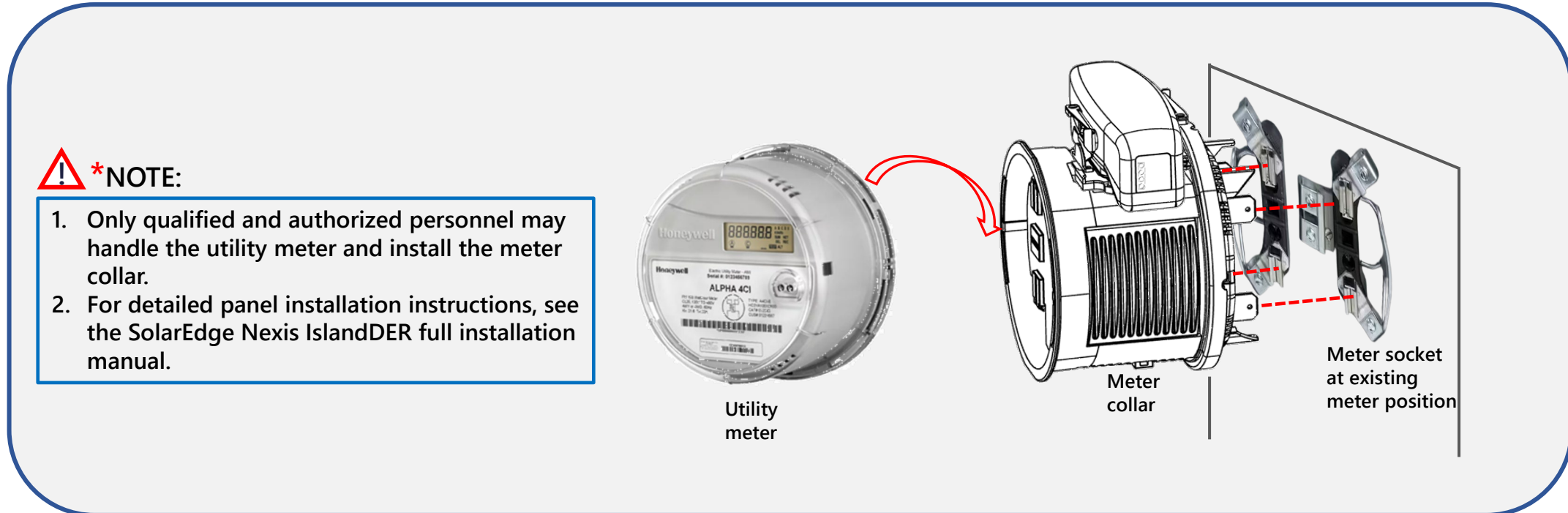
3.1.1 Wiring and connecting the communications cable to the digital part of the meter collar:



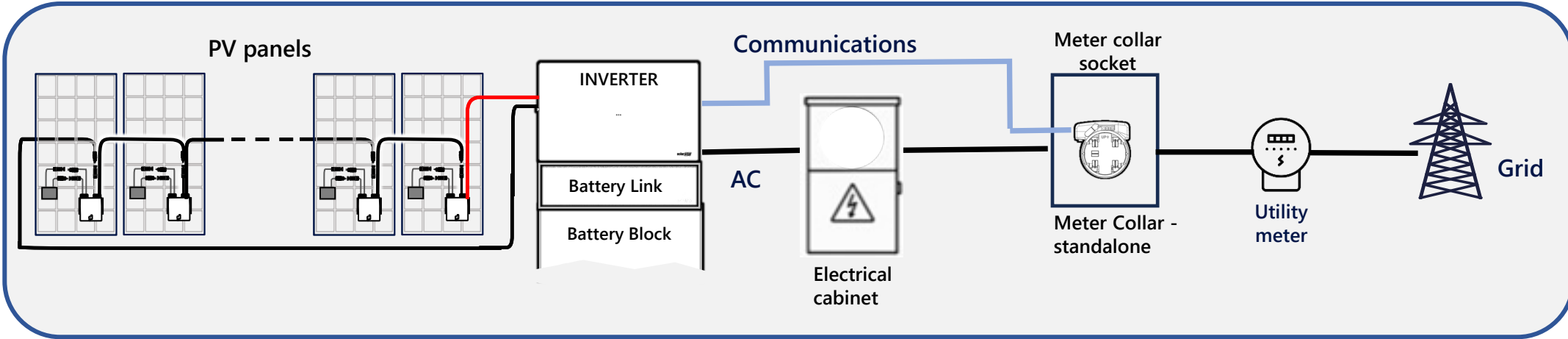
3.1.2 Connect the digital adapter to the meter collar



3.1.3 Install the meter collar behind the utility meter



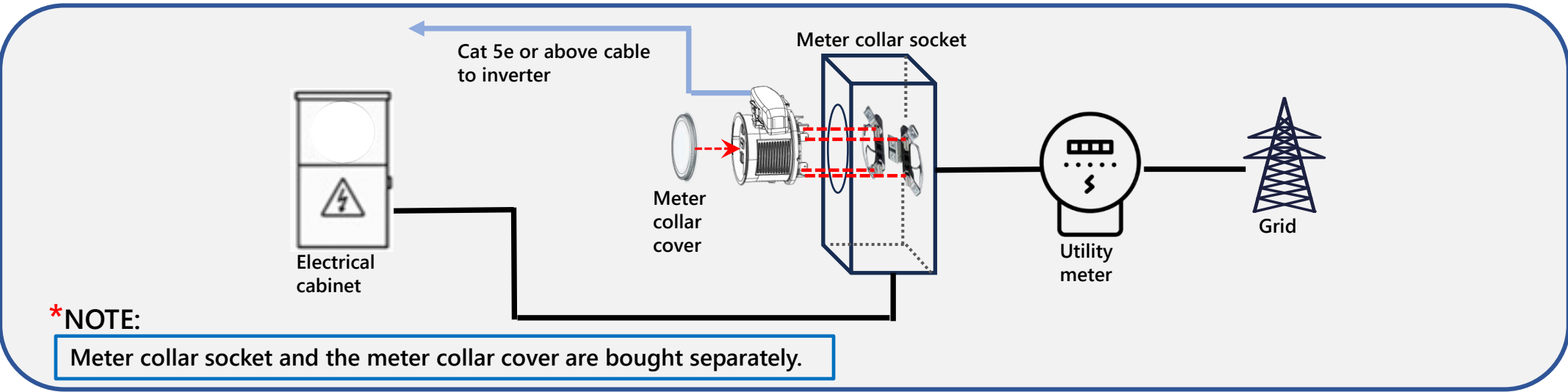
3.2 Meter Collar installed on a separate meter socket



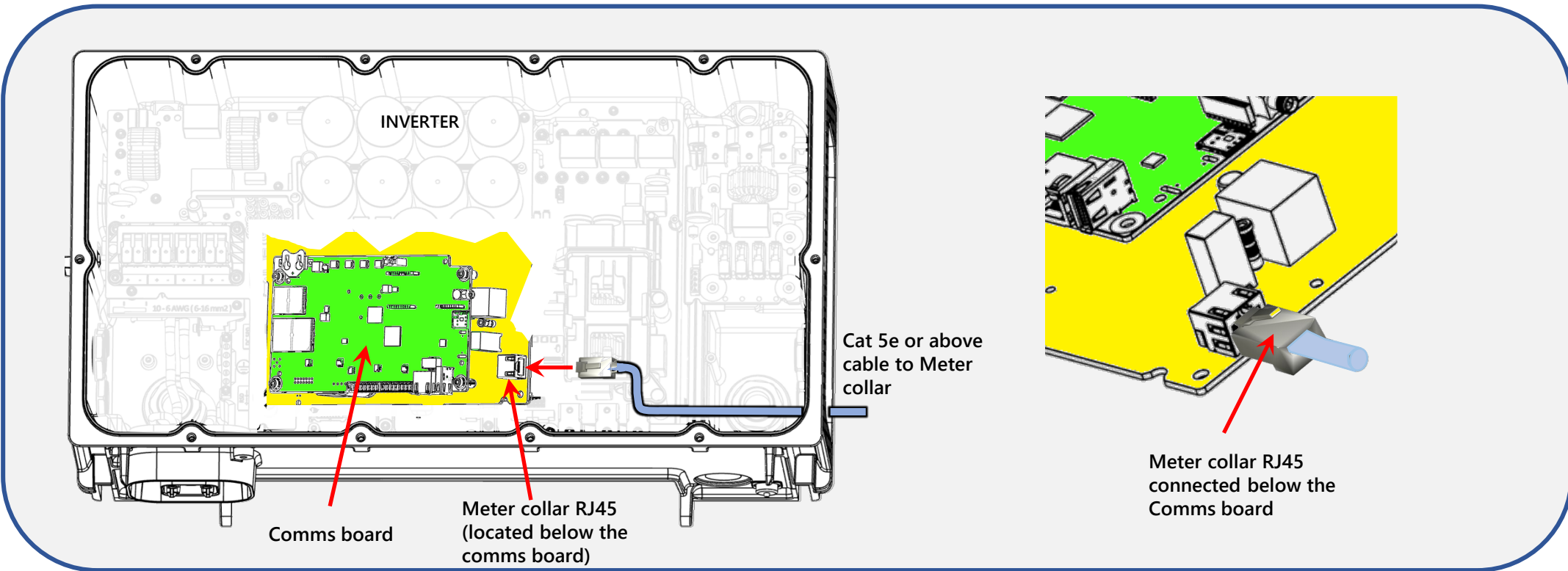
3.2.1 Prepare the meter collar for installation

Prepare the meter collar for installation according to [Sections 3.1.1 and 3.1.2](#)

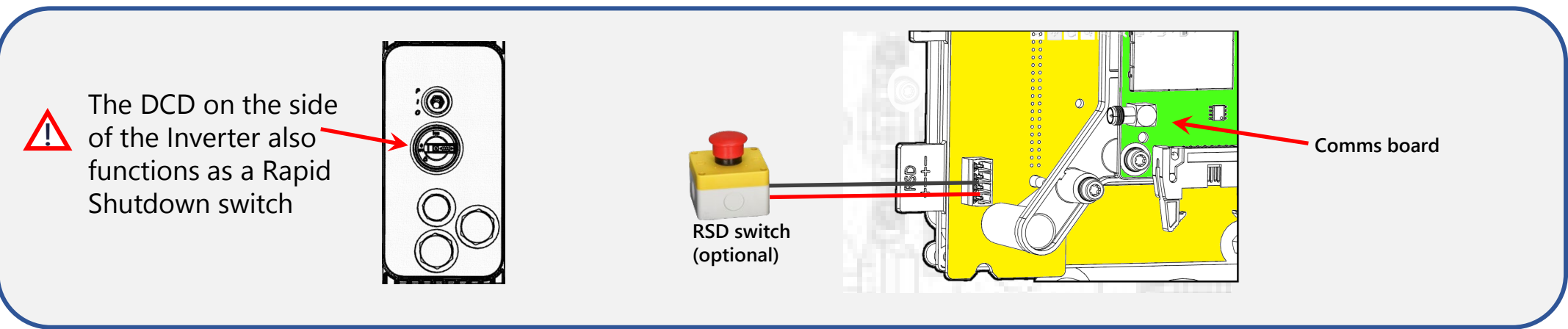
3.2.2 Meter Collar installed on a separate meter socket



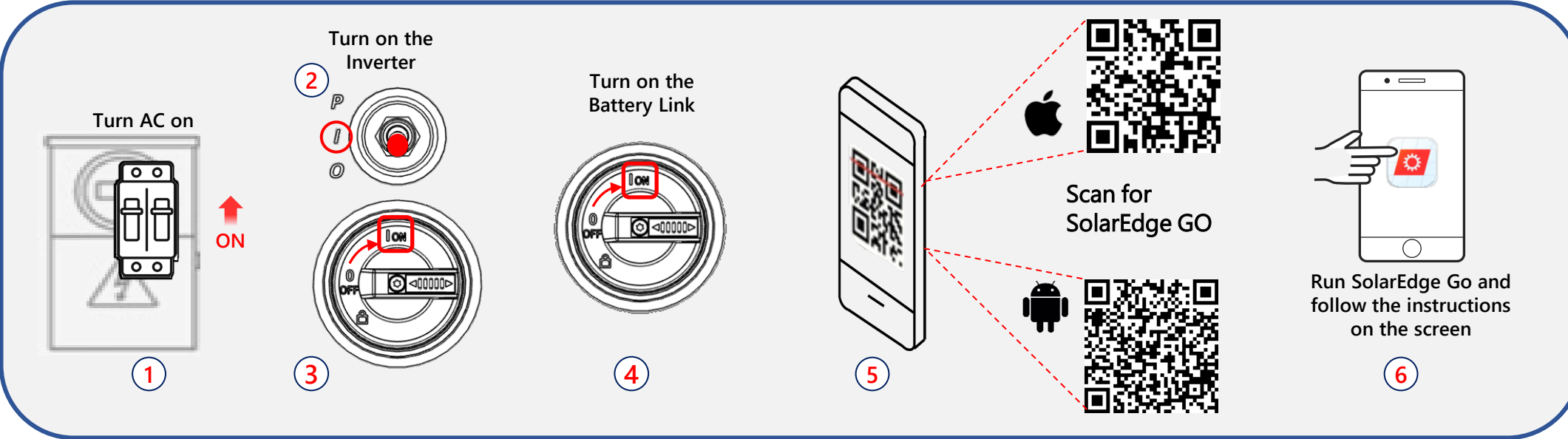
3.3 Wiring the Meter Collar communications to the Inverter



3.4 Wiring a Rapid Shutdown switch to the Inverter (optional)



4. COMMISSIONING THE INVERTER



5. LED INDICATORS

