

# Schneider Home Quick Installation Guide

## IMPORTANT

This Quick Guide does not eliminate the requirement to be **Schneider Home Certified** or to be familiar with the full **Installation and Operation Guides** for all Schneider Home equipment being installed.

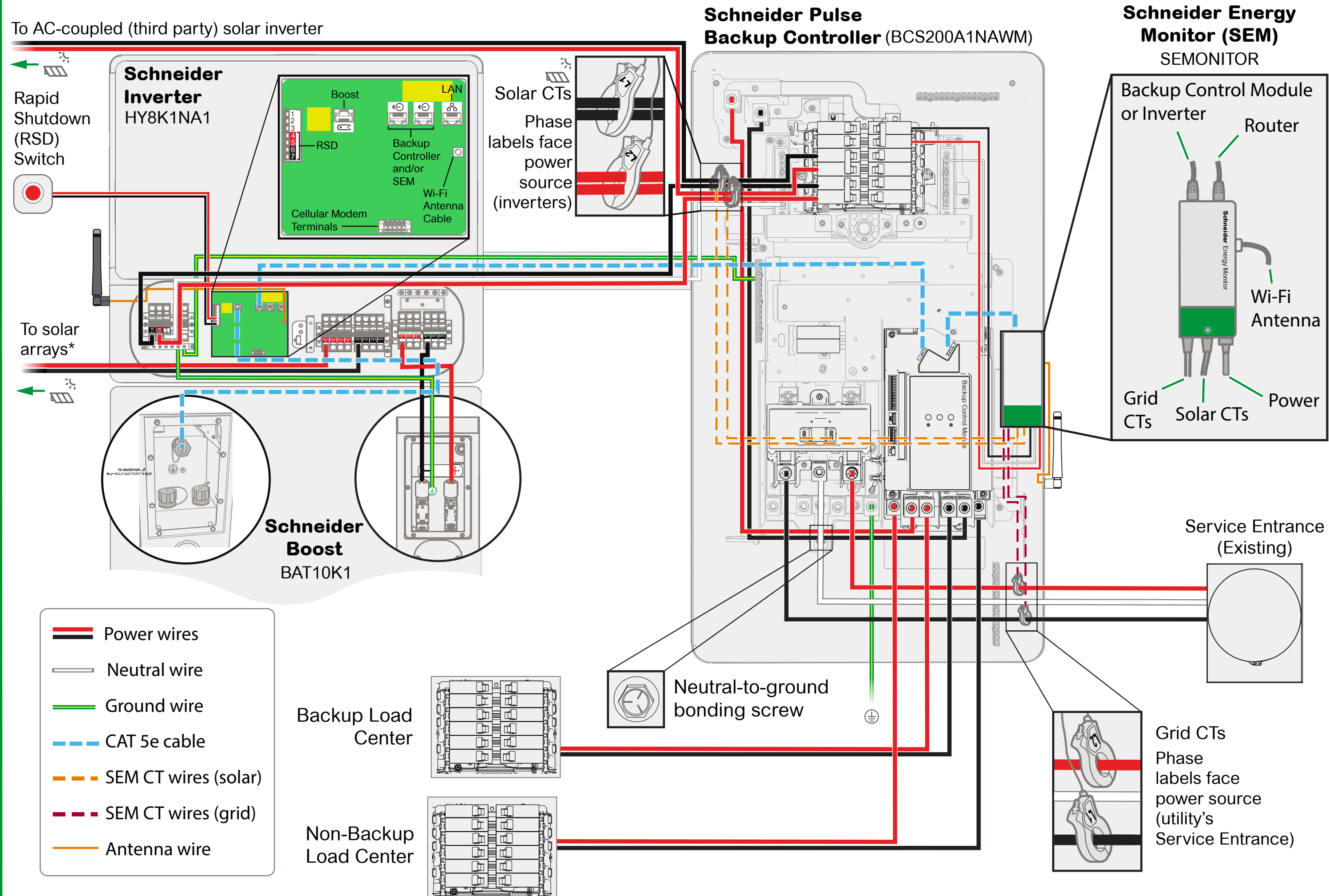
Register for training to become Schneider Home Certified. Required for eSetup commissioning



## Sample Wiring Diagram

**Use Case:** Full Schneider Home installation with solar and backup storage using the Pulse Backup Controller as service equipment.

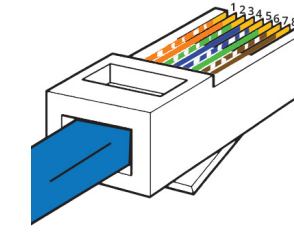
**Note:** Not all Schneider Home installations will be configured as shown below. This wiring diagram should only be used as a guide. See the **System Planning and Wiring Guide** (TME13782) for specific wiring diagrams for other possible configurations.



\*For systems equipped with Rapid Shutdown, a Rapid Shutdown (RSD) Initiator Switch and the RSD devices shown in the Schneider Inverter Installation and Operation Guide (TME12664C) are required.

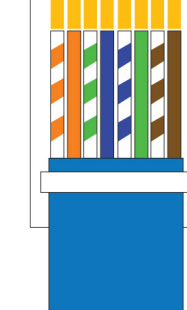
## Cat5e Cable Pinout

T-568B pinout is recommended



1. White/Orange
2. Orange
3. White/Green
4. Blue

12345678



5. White/Blue
6. Green
7. White/Brown
8. Brown

NOTE: Always use an Ethernet Cable Tester to confirm if connectors are crimped and wired properly.

## Commissioning App Downloads

### Schneider Smart Panel Setup

Use 1st to commission Schneider Energy Monitor and Square D Control Relays (if present) before using eSetup for rest of system



### eSetup for Electrician

Use to commission Schneider Home: Inverter, Boost, Pulse. Schneider Home Certification required for use



## Homeowner App Download

### Schneider Home

App for monitoring and control. Connects system to Wi-Fi.



## Wiring Checklists

Ensure the following items get installed as needed:

### When installing Schneider Inverter:

- ☐ Wi-Fi antenna
- ☐ 240 Vac wiring (8 to 4 AWG Cu, #10 AWG Cu ground)
- ☐ DC wiring for solar modules (if present)
- ☐ Rapid Shutdown / E-Stop Switch (if required)
- ☐ Hold down bracket for Inverter's back-fed breaker

### When installing with Schneider Boost:

- ☐ Ground wire (#10 AWG Cu) from Boost(s) to Inverter ground bar
- ☐ Included battery cables from each Boost's DC connectors to the Inverter's + / - Battery terminals
- ☐ Cat5e cable (600 V) from Inverter's port to the Boost's top "TO INVERTER" port

### If installing with 2nd or 3rd Boost:

- ☐ 2nd Boost: Cat5e cable (600 V) from #1 Boost's lower right-side "OUT" port to #2 Boost's left-side "IN" port
- ☐ 3rd Boost: Cat5e cable (600 V) from #2 Boost's lower right-side right-side "OUT" port to #3 Boost's left-side "IN" port

### When installing w/ Pulse Backup Controller or Pulse CSED:

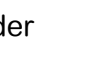
- ☐ Cat5e cable (600 V) from Inverter's port to the Pulse panel's "Schneider Inverter" port on the Backup Control Module
- ☐ For Service Equipment Configuration, neutral ground bonding screw and a compatible main breaker **must** be installed
- ☐ For Main Lug Configuration, neutral ground bonding screw **must not** be installed

### When installing with a Schneider Energy Monitor (SEM):

- ☐ Cat5e cable (600 V) from the SEM's port to the port in either the 1) Inverter or 2) Backup Control Module in Pulse panel
- ☐ Included external antenna
- ☐ Included power cable wired to a 2-pole circuit breaker
- ☐ The solar CTs from the SEM's solar CT port, with both L1 and L2 CTs clamped around the Schneider Inverter and any existing solar inverter wiring (if present)
- ☐ The grid CTs from the SEM's grid CT port to the main power lines inside the main panel

## Installation Guides

Schneider Inverter



Schneider Boost



Schneider Pulse Backup Controller



Schneider Pulse CSED



Schneider Energy Monitor



System Planning + Wiring Guide



## Document Library



## Equipment Clearances

**8 in.**: Minimum distance from ALL Schneider Home equipment to side wall(s), ceiling and other equipment for ventilation  
EXCEPTION: Inverter above Boost.

## WARNING

### IGNITION AND FIRE HAZARD

This equipment is not ignition protected. Do not install Schneider Home products in any confined space containing lead acid batteries, flammable chemicals, or near storage tanks and/or connections between components of fuel or flammable chemical systems.

**Readily flammable material** shall be stored:

- $\geq 24$  inches above and  $\geq 12$ " from the sides of ALL Schneider Home equipment,
- $\geq 12$  inches in front of Inverter & Backup Controller,
- $\geq 21.5$  inches in front of Boost.

\* Including, but not limited to: cloth, paper, plastic sheeting, straw, etc.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

## Need Help?

Contact Schneider Customer Care Center: **+1-877-734-6631**

Phone support available 24/7

Technical support available  
Mon. - Fri. 8am to 8pm EST

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Life Is On

Schneider Electric