



# Schneider Home Solar and Energy Storage Solutions

Schneider Pulse, Boost, and Inverter  
For USA

[schneiderhome.com](https://schneiderhome.com)

Life Is On

**Schneider**  
Electric



# Reimagine Home Energy

Schneider Home offers an easier solution for the increasingly complex needs of solar and energy storage installations.

## Higher System Efficiency for Bigger Savings

When DC-coupled, Schneider Boost battery and Inverter offer efficient battery charging from solar for better electricity bill savings. Schneider Inverter's four integrated MPPT channels support complex solar array orientations on multiple roof surfaces, maximizing the solar power output.

## Secure Power When It's Needed the Most

With the Inverter's 7.7 kW rating, 15.4 kW surge power capability, and 10 to 30 kWh of Boost batteries, homeowners can count on our solutions for backup power. Backup enabled systems are installed with either the Pulse CSED with Backup Control Module or the Pulse Backup Controller. Please see the configurations (page 4) for more information.

## Slim Design

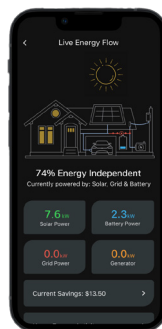
At only 26 inches wide, 5 inches deep, and the ability to stack front to back, Boost battery uses less wall space than most other batteries. The Inverter can be installed above the Boost for even more space savings.

## Pair with Schneider Pulse

Get Pulse CSED with Backup Control Module or the Pulse Backup Controller for backup power. With configurable panels for backup or non-backup and optional load control, Pulse delivers more flexibility while simplifying the wiring and installation.

## Schneider Home App

Schneider Home makes homes efficient, resilient, and sustainable with minimal effort. Features such as Away Mode make it easy to save on electricity bills. Homeowners can also select what to power during grid outages to extend battery runtime.





## Schneider Boost & Inverter

- 10 kWh battery, expandable to 30 kWh
- Floor-mounted or wall-mounted
- Slim design makes it easy to install with less wall space
- Option to stack batteries front to back
- 7.7 kW continuous power
- 15.4 kW surge power
- High system efficiency with DC-coupled solar

## Schneider Pulse CSED

- 200 A electrical panel with Backup Control Module
- Consolidates 5 boxes into 1 enclosure: meter, main panel, sub panel, Backup Controller, and load control
- Reduces Installation time and saves cost
- Integrated whole home surge protection device with 50 kA rating
- Compatible with industry-leading QO circuit breakers

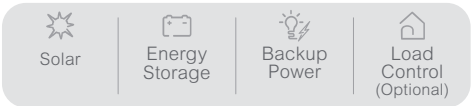
Standalone Backup Controller is also available. See the next page for more details.



# Configurations

Schneider Home provides flexible system design, meeting your customers' unique energy needs. See below for bill of materials for each application.

## Backup Power with Pulse Backup Controller



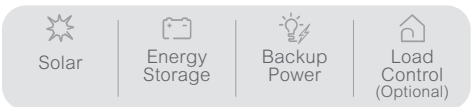
### Design notes:

- Option to use integrated 12-space load center as a backup or non-backup sub-panel
- Compatible with QO breakers

Bill of Materials	Part Number	Quantity
<b>Required Products</b>		
Boost battery	BAT10K1	1 to 3
Inverter	HY8K1NA1	1
Pulse Backup Controller	BC200A1NAWM	1
<b>For Optional Load Control</b>		
Schneider Energy Monitor (SEM)	SEMONITOR	1
Control Relays	See page 5	See page 5
<b>Accessories</b>		
2 Battery Stack Kit	BA10KNA2S	1 for front to back stacking
3 Battery Stack Kit	BA10KNA3S	1 for front to back stacking
Backup Controller Aux CTs	CT200AXNA1*	2 required if any loads on the grid side of Backup Controller and if SEM is not installed

\*Schneider box quantity 20 units

## Backup Power with Pulse CSED with Backup Control Module

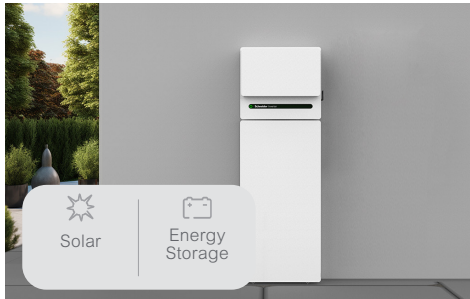


### Design notes:

- Configurable for whole-home or partial home backup
- No load relocations needed
- Compatible with QO breakers, with 36 useable spaces (18+18)

Bill of Materials	Part Number	Quantity
<b>Required Products</b>		
Boost battery	BAT10K1	1 to 3
Inverter	HY8K1NA1	1
Pulse smart panel CSED	CC18X18M200PCZ	1
<b>For Optional Load Control</b>		
Control Relays	See page 5	See page 5
<b>Accessories</b>		
2 Battery Stack Kit	BA10KNA2S	1 for front to back stacking
3 Battery Stack Kit	BA10KNA3S	1 for front to back stacking

## Battery Energy Storage

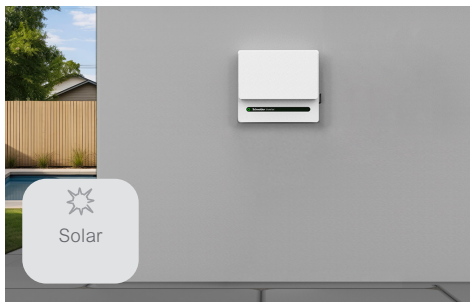


### Design notes:

- Solar and energy storage for grid tied energy management, no backup power

Bill of Materials	Part Number	Quantity
Required Products		
Boost battery	BAT10K1	1 to 3
Inverter	HY8K1NA1	1
Schneider Energy Monitor (SEM)	SEMONITOR	1
Accessories		
2 Battery Stack Kit	BA10KNA2S	1 for front to back stacking
3 Battery Stack Kit	BA10KNA3S	1 for front to back stacking

## Solar Only



Bill of Materials	Part Number	Quantity
Required Products		
Inverter	HY8K1NA1	1

## Control Relays

Manage and control the home's loads at the branch circuit level.

Load Control Relays	
Control Relay 120 V 20 A Dual	QO200PWX120
Control Relay 240 V 30 A	QO200PWX240
Control Relay 240 V 60 A	QO260PWX240

### Design notes:

- Control Relays are selected according to the branch circuit to be controlled.
- Check panel spacing, as relays must be wired in series with the breaker for each branch circuit.
- 20 A and 30 A relays take up to 2 spaces plus the connected breaker spaces.
- 60 A relay takes up to 4 spaces plus the connected breaker spaces.

## Rapid Shutdown Accessories

For DC-Coupled solar, the following accessories are available for rapid shutdown requirements of NEC 690.12 and with PVRSS certification.

3rd party accessories	
Rapid Shutdown Switch (E-Stop)	1 pole initiator switch required for all systems with Rapid Shutdown
APSmart RSD Device	1 per solar module for DC-connected solar (APSmart Part Number RSD-S-PLC)

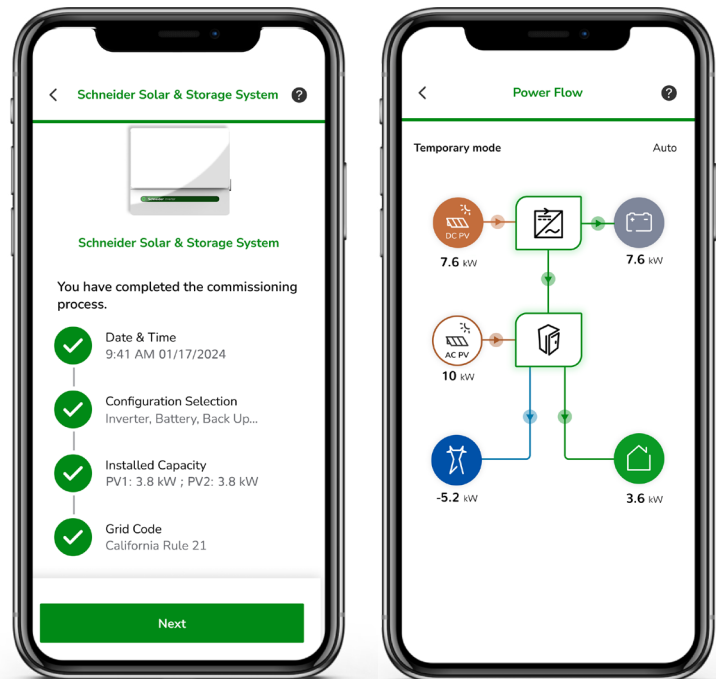
# Easy Commissioning

Experience streamlined commissioning with our intuitive mobile app, eSetup. Allowing you to commission Boost, Inverter, and Pulse Backup Controller, our eSetup app simplifies the process and saves you time.

- Helps you complete installations independently, even if the home's network is unavailable
- Commissions three products on a single module
- Configures the system in five simple steps
- Provides efficient system check by a view of events, system parameters, and power flow
- Simplifies handover to the homeowner via a single report

To commission Boost and Inverter, you will need to be Schneider Home certified. See the next page for more information about the installer training. Please use the same login credentials to access eSetup as your mySchneider account.

\* Schneider Energy Monitor (SEM) is commissioned via the Sense Pro app.



# Installer Portal

Monitor and troubleshoot your installations remotely with the Installer Portal.

- Provides a view of the entire installed base at a single glance
- Helps maintain and troubleshoot solar and storage systems remotely
- Provides accurate, real-time information that helps you make informed decisions
- Facilitates communication and collaboration among your team and with Schneider Electric
- Accommodates a wide range of solar and storage installation experience and expertise with its intuitive design

Installer Portal is available for Schneider Home partners. See the next page for how to join Schneider Home Installer Program. To access the Installer Portal, please use the same login credentials as your mySchneider account.



# Join Our Installer Network

Join Schneider Home Installer Program to build your business and your expertise in smart and sustainable energy. Together, we'll take your company's goals further and meet them faster.

## Become an Expert

Get trained and certified on designing, installing, and commissioning Schneider Home, the all-in-one home energy management system

## Tools and Resources

Gain access to:

- eSetup commissioning app
- Installer Portal for online monitoring of your installations
- Stand-by technical support

## Rewards and Recognition

Recap rewards with product rebates. (Coming soon)



[schneiderhome.com/partners](https://schneiderhome.com/partners)

# Schneider Home Certification

Introducing Schneider Home Certification, an online certification program covering critical installation and commissioning processes for your successful system setup.

Our training is designed to fit into your busy schedule. The on-demand courses are available on mySchneider and accessible from any device.

The training is required to commission Schneider Boost and Inverter. The certification course offers NABCEP CEU credits.

Start learning by joining our [installer network](#).



# Questions?

Contact us at [se.com/us/en](https://se.com/us/en) for any questions.



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