



# Schneider Boost

For United States

Schneider Boost maximizes the use of solar energy and provides power to your home when electricity rates are high. When installed with a Pulse Backup Controller, Boost automatically powers your home during an outage. The Boost battery's stackable architecture allows flexible system design to power critical appliances or back up your entire home.

## High Performance

- 10 kWh capacity each, expandable to 30 kWh (3 batteries)
- 7.7 kW continuous power during a grid outage
- 15.4 kW surge rating for more reliable backup power
- High system efficiency with fewer steps of power conversion
- Recharge from solar or grid (where allowed)
- Whole home or partial home backup power
- Rated for outdoor or indoor installation
- 10 year warranty

## Smarter Energy Management

- Save money by using your battery when electricity rates are high
- Automatically power your home during a grid outage when installed with a Pulse Backup Controller
- Extend battery runtime with optional load control by controlling which appliances can use battery power during a grid outage
- Real-time energy monitoring with the Schneider Home app

## Schneider Home

Boost is part of Schneider Home, the first-of-its-kind integrated home energy solution. Schneider Home also includes:

- Schneider Inverter
- Schneider Pulse
- Connected Switches, Dimmers, and Outlets
- Schneider Home app



Schneider Home app, Inverter, Boost, and Pulse CSED

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

Life Is On

**Schneider**  
Electric

Preliminary

# Schneider Boost Specifications

System Information	10 kWh	20 kWh	30 kWh
<b>Boost Battery Capacity</b>			
Battery Qty	1	2	3
Usable Energy Capacity	10 kWh	20 kWh	30 kWh
<b>AC Charge/Discharge Power - Paired with Schneider Inverter 7.7</b>			
Continuous Output Power - Backup	7.68 kW		
Peak Output Power - Backup	15.4 kW (10 seconds)		
Continuous Output Power - Grid-Tied	5 kVA	7.68 kVA	7.68 kVA
Charge Power	5 kW	7.68 kW	7.68 kW
<b>Compatibility</b>			
Required for Backup Power	Pulse CSED with Backup Controller (CC18X18M200PCZ) or Pulse Backup Controller (BC200A1NAWM)		
Required Inverter	Schneider Inverter 7.7 (HY8K1NA1)		
# of Batteries	3 Maximum		
Battery Charging Sources	Solar, Grid		

Boost Battery Specifications (BAT10K1)	
<b>Electrical Specifications - Battery Port</b>	
Battery Voltage - Nominal / Max	422.4 / 468 V
Nominal Discharge Current	20 A
Max. Continuous Discharge Power	8.1 kW
Nominal Charge Current	14 A
Max. Continuous Charge Power	5.2 kW
Nameplate Energy Capacity	10.56 kWh
<b>Installation Specifications - Each Battery</b>	
Maximum Operating Temperature Range	5 to 131°F (-15 to 55°C)
Recommended Temperature Range	32 to 86°F (0 to 30°C)
Storage Temperature	14 to 104°F (-10 to 40°C)
Enclosure Type	Type 4X
Maximum Altitude	13100 ft (4000 m)
Operating Humidity	0 to 100% Non-Condensing
Inverter Dimensions (W x H x D)	25.6 x 26.6 x 6.5 in (650 x 570 x 165 mm)
Battery Dimensions (W x H x D)	25.6 x 51.2 x 5.1 in (650 x 1300 x 130 mm)
Battery Weight	279 lb (127 kg)
Battery Disconnect	Yes
Battery Installation	Wall, Floor
Battery Part Number	BAT10K1, BAT-10
Inverter Part Number	HY8K1NA1

Boost Battery Specifications - Continued	
<b>Regulatory</b>	
Safety	UL9540*, UL9540A, UL1973
Emissions	FCC Part 15 Class B
<b>General</b>	
Warranty	≥70% Capacity for the earlier of 10 Years, or 30 MWh throughput
Chemistry	LFP

\* Pending

Accessories (Purchased separately)	
<b>Front to Back Stacking Kits</b>	
2 Stack Batteries Floor Mount	BA10KNA2S
3 Stack Batteries Floor Mount <sup>1</sup>	BA10KNA3S

1: When stacking 3 batteries front to back, the inverter must not be installed above the batteries.

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