



# Schneider Boost

For United States

Maximize the use of solar energy and help protect your home's power supply when the grid is out. Schneider Boost automatically powers your home during an outage and when electricity rates are high. 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 backup power
- High system efficiency with fewer steps of power conversion
- Recharge from solar or grid
- 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
- 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

Schneider Home offers a simple, smart, and sustainable solution to manage energy, tailored to your needs.

- Schneider Inverter
- Schneider Boost 10 kWh battery
- Schneider Pulse smart panel & backup controller
- Schneider Charge EV charger\*
- Schneider Home app

\* Coming in 2024



Schneider Inverter, Boost, Pulse, Charge, and Schneider Home app

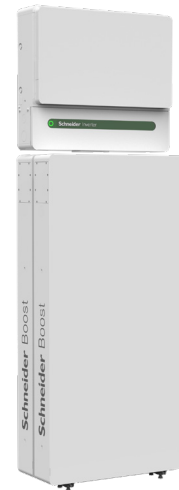
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Electric

# Schneider Boost Specifications

System			
Boost Battery Capacity			
Battery Qty	1	2	3
Usable Energy Capacity	10 kWh	20 kWh	30 kWh
Charge/Discharge Power - Paired with Schneider Inverter 7.7			
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
General			
Warranty	≥70% Capacity for the earlier of 10 Years, or 30 MWh throughput		
Required for Backup Power	Schneider Pulse Backup Controller		
Required Inverter	Schneider Inverter 7.7 (HY8K1NA1)		
# of Batteries	3 Maximum		
Battery Charging Sources	Solar, Grid		
Battery Specifications		Accessories (Purchased separately)	
Electrical Specifications - Battery Port		Required for Multiple Battery Installations	
Battery Voltage - Nominal / Max	422.4 / 468 V	2 Stack Batteries Floor Mount	BA10KNA2S
Nominal Charge Current	14 A	3 Stack Batteries Floor Mount	BA10KNA3S
Nominal Discharge Current	20 A		
Nameplate Energy Capacity	10.56 kWh		
Regulatory			
Safety*	UL9540, UL9540A, UL1973		
Emissions*	FCC Part 15 Class B		
Installation Specifications - Each Battery			
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		



2 Boost 10 kWh batteries stacked under Schneider Inverter

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