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
- 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
- Schneider X Series Wiring Devices*
- Schneider Energy Monitor
- Schneider Home app

* Matter-compatible models only

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Preliminary

Schneider Boost Specifications

System Information	10 kWh	20 kWh	30 kWh
Boost Battery Configurations			
Battery Qty	1	2	3
Usable Energy Capacity	10 kWh	20 kWh	30 kWh
ESS Model Name	Boost-ESS [7.7 kW, 10 kWh]	Boost-ESS [7.7 kW, 20 kWh]	Boost-ESS [7.7 kW, 30 kWh]
AC 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
Compatibility			
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)	
Electrical Specifications - Battery Port	
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
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 22.4 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
Inverter Part Number	HY8K1NA1

Boost Battery Specifications - Continued	
Battery Efficiency	
Roundtrip DC	96%
Regulatory	
Safety	UL9540, UL9540A, UL1973
Emissions	FCC Part 15 Class B
General	
Warranty	≥70% Capacity for the earlier of 10 Years, or 30 MWh throughput
Chemistry	LFP

Accessories (Purchased separately)	
Front to Back Stacking Kits	
2 Stack Batteries Floor Mount	BA10KNA2S
3 Stack Batteries Floor Mount[1]	BA10KNA3S

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

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