Schneider Pulse Backup Controller

For United States

Schneider Pulse Backup Controller automatically disconnects from the grid during an outage, allowing the system to provide backup power. The Pulse Backup Controller allows easier installations with fewer electrical boxes on the wall, with a built in breaker panel that can be configured for essential or non-essential loads, and the option to add load control.

Reliable Backup Power

- 200 Amp grid input
- Configurable as service equipment
- 12 space integrated QO Breaker Panel
- Rated for indoor or outdoor use
- 10 year warranty

Easy Installation

- Flexible for whole home or partial home backup
- Integrated metering for grid import/export and home consumption
- Reduces need for separate critical load subpanels
- Compatible with Schneider Electric QO Plug-on Neutral breakers
- Optional load control to extend battery runtime

Schneider Home

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

- Schneider Inverter
- Schneider Boost 10 kWh battery
- Schneider X Series Wiring Devices*
- Schneider Energy Monitor
- Schneider Home app

* Matter-compatible models only

Schneider Home app, Inverter, Boost, and Pulse Backup Controller

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Preliminary

Pulse Backup Controller Specifications

Pulse Backup Controller (BC200A1NAWM)	
Grid Input	
Nominal Voltage	120/240 V
Frequency	60 Hz
Continuous Current	160 A
Maximum Current	200 A
Main Breaker	Optional 100-200 A, 2 pole, 22 kA
Regulatory	
Compliance	UL 1741, UL 67, UL 869A, FCC part 15 Class B and C
Service Equipment	Configurable as Service Equipment with Main Breaker installed
General Specifications	
Warranty	10 years
Relays	Grid (MID)
Meter	Integrated import/export meter 1% accuracy
Installation Specifications	
Operating Temperature Range	-40°F to 122°F (-40°C to +50°C) without breakers[1]
Enclosure Type	Type 3R
Max Altitude	9840 ft (3000 m)
Operating Humidity	0-100% Non-Condensing
Dimensions (W x H x D)	36.4 x 18.1 x 6.2 in (924 x 461 x 158 mm)
Weight	75 lb (34 kg)
Connection from Grid / Connection to Essential Loads / Non-Essential Circuit	4 AWG to 250 kcmil
Integrated Breaker Panel	12 space QO, configurable for essential loads, load control, or non-essential loads
Part Number	BC200A1NAWM
Optional Accessories	
Auxiliary Current Transformers	200 A Split-Core (CT200AXNA)
Main Breaker	Square D QOM2 100 A (QOM2100VH), 125 A (QOM2125VH), 150 A (QOM2150VH), 175 A (QOM2175VH), 200 A (QOM2200VH)
Load Center Breakers	Square D QO and QO Plug-On Neutral breakers, max 100 A
Breaker Hold Down Kit	QOCRBGK2EC
Load Control	Schneider Energy Monitor (SEMONITOR), Wiser Control Relays 240 V 30 A (QO200PWX240)[2], 120 V 20 A Dual (QO200PWX120)[2]

1. With breakers, the operating temperature range is limited according to the breaker ratings
2. Pending

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Schneider Electric USA, Inc.
201 Washington St, Suite 2700, One Boston Place
Boston, Massachusetts 02108 USA

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