

Backup Control Switch

Microgrid Interconnect Device for the XW Pro inverters

865-BCS-2200



Whole home or partial home backup made easy. When paired with Schneider Electric XW Pro inverters, the Backup Control Switch (BCS) automatically disconnects from the grid during an outage, allowing the system to provide backup power to the home.

The Backup Control Switch is used for larger XW Pro systems requiring up to 200 A rated MID or service entrance installation.

Flexible Installation

- Whole home backup or subpanel backup with up to 200 A rating
- Service entrance rated when installed with a main breaker
- Top or bottom entry for grid input
- Optional non-backup circuit, making it easy to backup an existing panel and remove select non-critical loads
- Configurable for export limiting with integrated meter

Reliable

- Fast 50 ms transfer from grid connected to backup power operation
- Reliable backup power and load starting performance with the compatible XW Pro inverters
- Connect up to 4 XW Pro inverters for up to 27 kW continuous and 48 kW peak backup power capability
- Outdoor rated enclosure
- 10 year limited warranty

Compatible with XW Pro

Full integration with Schneider Electric's solar & storage line of products, such as XW Pro hybrid inverters, MPPT charge controllers, and Insight Energy Management



Technical Specifications

Backup Control Switch (BCS) 2200

Electrical Specifications

Nominal Voltage	120/240 VAC
Frequency	60 Hz
Phase	1 Ø
Max. current rating (mains)	200 A
Optional Main Breaker	100-200 A, 2 pole, 22 kA

Optional Accessories

Main Breaker	Square D QOM2100VH, QOM2125VH, QOM2150VH, QOM2175VH, QOM2200VH
Non-Backup Breaker	Square D QOU Series, 60-125 A, 2 Pole
Top Entry Conduit Hub	Square D Series B Conduit Hub

Wiring

Connection from Grid	4 AWG to 300 kcmil with top or bottom cable entry
Connection to Backup Loads	4 AWG to 300 kcmil with two sets of lugs
Connection to Non-Backup panel	12 AWG to 1/0 AWG with optional non-backup circuit breaker installed

General Specifications

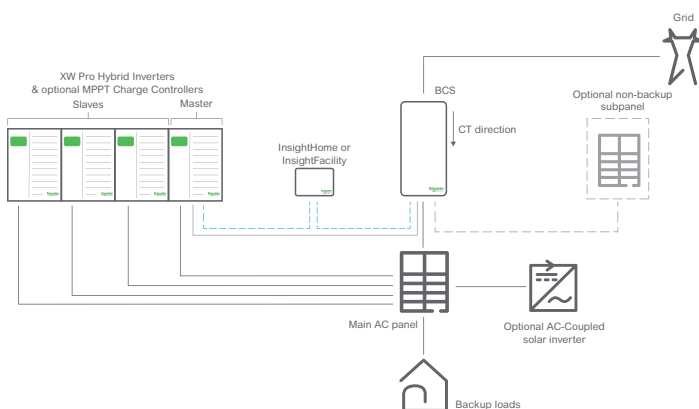
Part Number	865-BCS-2200
Regulatory approvals	UL 1741, UL 67, UL 869A, FCC part 15 class B Suitable for use as Service Equipment when Main AC Circuit Breaker is installed
Meter	Integrated import/export meter and CTs
Enclosure Type	NEMA Type 3R outdoor
Operating Temperature Range	-40–122°F (-40–50°C)*
Product Dimensions (H × W × D)	35 x 19 x 7 3/4" (889 x 485 x 196mm)
Shipping Dimensions (H × W × D)	40 3/4 × 25 1/2 × 17 1/2" (1035 × 645 × 440 mm)
Weight	30 lb (13.6 kg)

Compatible Products Part Numbers

Hybrid Inverters	Up to Qty 4 XW Pro (865-6848-21)
Charge Controllers	MPPT 100 600 (865-1034), MPPT 80 600 (865-1032), MPPT 60 150 (865-1030-1)
Monitoring/Configuration	InsightHome (865-0330), InsightFacility (865-0335)

* Or as limited by compatible breaker temperature ratings

Whole Home Backup



Subpanel Backup

