

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



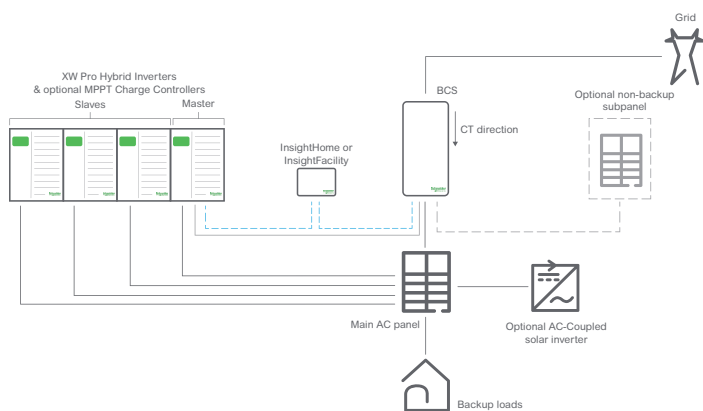
Technical Specifications

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

