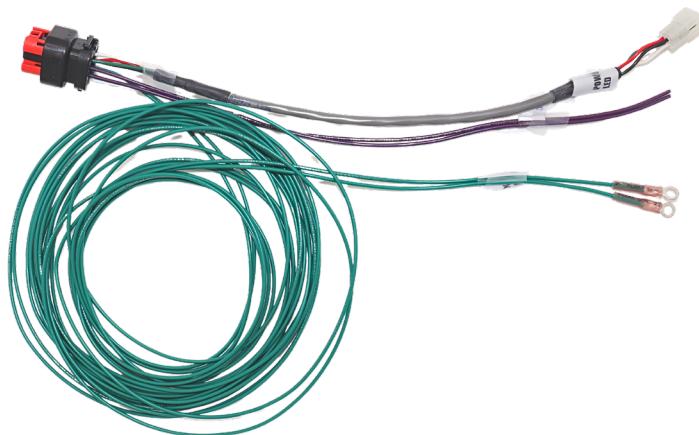


# CS200 Ampseal Harness

## Accessories



CAT # 75-H1FBR1-CS2-UL



### KEY BENEFITS

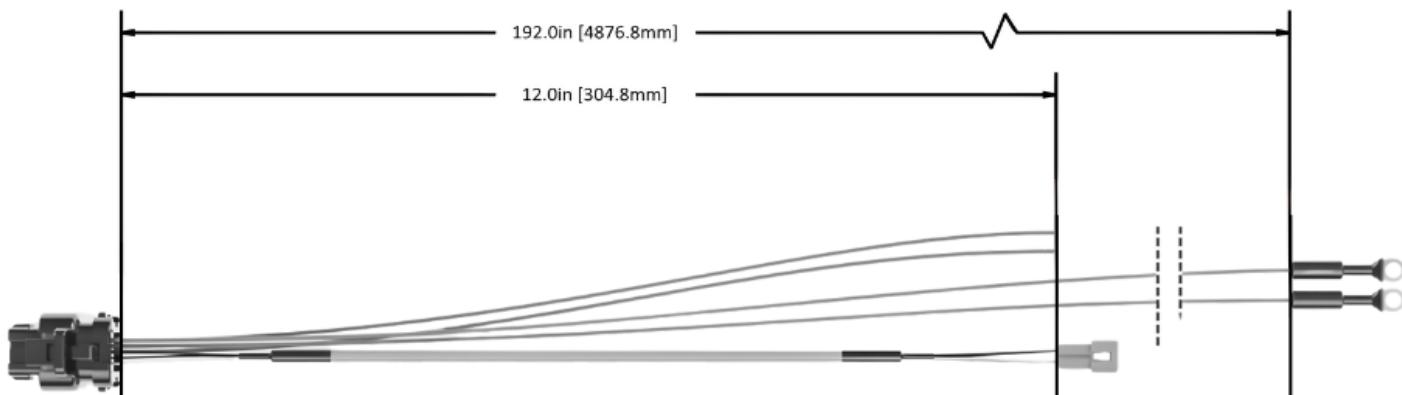
- + **DC Breaker Control:** signals for redundant disconnect to UL circuit breaker.
- + **Alternator Field Control Circuit (FCC):** prevents alternator damage and overcharging (for non-Smart Alternators).
- + **Lighted Remote Power Button:** Optional remote button connection.

### Reliable Power, Seamless Integration.

Power up your energy storage system with the CS200 AMPSEAL harness. This AMPSEAL harness includes essential features like a connection to the lighted remote power button, alternator field control circuit (FCC), and DC breaker control for UL compliance.

### DIMENSIONS

|                |        |         |
|----------------|--------|---------|
| Harness Length | 12.0"  | 304.8mm |
| Weight         | 1.0 lb | 0.45 kg |



## AMPSEAL-8 Functions/Wiring

| Function Name                    | Short Name | Pin # | Pin Name            | Description                             | Details                                      |
|----------------------------------|------------|-------|---------------------|---|--|
| Alternator Field Control Circuit | FCC        | 7     | FCC 1               | Alternator field control circuit wire 1 | Dry contact, up to 24VDC 2A, needs ext. fuse |
|                                  |            | 8     | FCC 2               | Alternator field control circuit wire 2 | Dry contact, up to 24VDC 2A, needs ext. fuse |
| Reset Button                     | Reset      | 1     | Reset 1             | Reset button wire 1                     | 15V 5mA normally open push button circuit    |
|                                  |            | 6     | Reset 2             | Reset button wire 2                     | 15V 5mA normally open push button circuit    |
| LED Indicator                    | LED Signal | 2     | LED positive        | LED high side drive                     | 12V 5mA LED driver, internally 3k limited    |
|                                  |            | 4     | LED negative        | LED negative return                     | 12V 5mA LED driver, internally 3k limited    |
| DC Breaker Control               | DC Breaker | 5     | DC breaker +12V     | 12V 1A fused source for DC breaker      | 12V 1A fused source                          |
|                                  |            | 3     | DC breaker negative | Low side drive for DC breaker           | Direct drive to ground                       |

## COMPATIBLE PRODUCTS

Switch Extension Harness, Molex 4pin, 192" (**#75-246-192**)

Remote On/Off/Reset Switch (**#75-240-180**)

FCC Extension (**#75-149-180**)

Sensata Circuit Breaker Model (**#JLE-1-41340-250**)

**Application note:** Adhere to electrical specifications and fusing requirements to protect the integrity of your system application.

### Powering Innovation.

Discover the right lithium replacement system for you. Reach out to Lithionics' expert support team to find your perfect power solution.