

## Kussmaul Chief Auto Charge® Remote Controller User Guide

091-266-RCP

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## HAZARD OF FIRE, ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

This Kussmaul Chief Auto Charge Remote Controller User Guide is in addition to, and incorporates by reference, the relevant product manuals for each product in the power system. After reviewing this guide you must read the relevant product manuals. Unless specified, information on safety, specifications, installation, and operation is as shown in the primary documentation received with the product. Ensure you are familiar with that information before proceeding.

**Failure to follow these instructions will result in death or serious injury.**

### Exclusion for Documentation

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### Contact Information

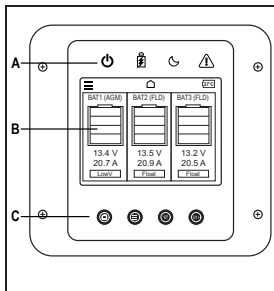
**Telephone:** (Toll Free USA) 1-800-346-0857 / (Outside USA) 1-631-567-0314  
**Email:** [sales@kussmaul.com](mailto:sales@kussmaul.com)  
**Web:** <http://www.kussmaul.com/>

**Product Name and Number:** Chief Auto Charge Remote Controller | 091-266-RCP

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# Introduction





The Chief Auto Charge controller is an optional accessory to the Kussmaul Chief Auto Charge Battery Charger series. Its primary purpose is to provide remote access to the charger's settings using a familiar interface such as the charger's own onboard control and display panel. This allows the charger unit to be hidden in a safe compartment in the vehicle while its operation can be accessed safely and conveniently from a control station inside (or outside) the vehicle cabin.



<b>A</b>	<b>Charger Status LEDs</b> - displays the current status of the charger.
<b>B</b>	<b>Touchscreen display</b> - shows battery status information and allows configuration control of battery and charger settings. For more information, refer to Kussmaul Chief Auto Charge Owner's Guide.
<b>C</b>	<b>Remote control buttons</b>

**NOTE:** For a full list of available functions to control the Kussmaul Chief Auto Charge Battery Charger, see the Kussmaul Chief Auto Charge Battery Charger Owner's Guide.

Item	Description
<b>A</b>	<ul style="list-style-type: none"> <li>■  <b>Power</b> - a solid green indicates AC power is available to charge.</li> <li>■  <b>Charging</b> - a solid green indicates charger is performing a normal charge cycle.</li> <li>■  <b>Standby</b> - a solid green indicates charger is in energy saving mode.</li> <li>■  <b>Alert</b> - a solid red indicates that the charger has detected an event.</li> </ul>

Item	Description
B	<ul style="list-style-type: none"> <li>■ <i>Top Bar</i> - displays the Home icon including Notification, USB, and Fan icons and the Temperature reading that appear and disappear depending on operation.</li> <li>■ <i>Left panel</i> - shows BAT1 battery bank information including battery type, voltage, current, and charging stage.</li> <li>■ <i>Middle panel</i> - shows BAT2 battery bank information including battery type, voltage, current, and charging stage.</li> <li>■ <i>Right panel</i> - shows BAT3 battery bank information including battery type, voltage, current, and charging stage.</li> </ul>
C	<ul style="list-style-type: none"> <li>■  <i>Home</i> - Press to go to the Home screen. Long press (5 sec) to switch to quick access and long press again to switch back to navigation mode</li> <li>■  <i>Menu</i> - For quick access, press to go to the Menu screen.</li> <li>■  <i>Basic Settings</i> - For quick access, press to go to the Basic Settings screen.</li> <li>■  <i>Advanced Settings</i> - For quick access, press to go to the Advanced Settings screen.</li> </ul>

**NOTE:** For detailed information, see the Kussmual Chief Auto Charge Battery Charger Owner's Guide.

# Installation

Mount the Chief Auto Charge controller in an easy to access location. Choose a location in which the 6.7-meter (25-ft) cable can reach. Keep the Chief Auto Charge controller safe and away from direct sunlight.

Connect the Chief Auto Charge controller to the Kussmual Chief Auto Charge Battery Charger's Remote port.

Mount the Chief Auto Charge controller prior to wiring (see the following mounting instructions).

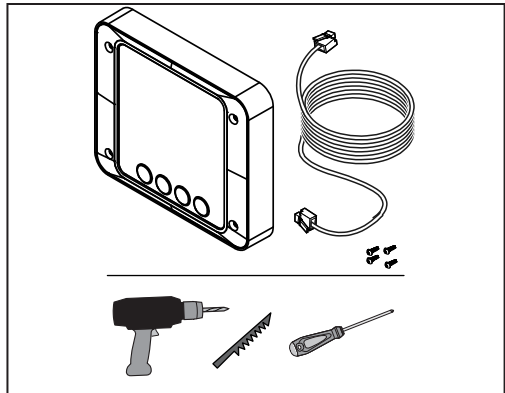
## Materials

Included in the box,

- Chief Auto Charge controller
- 25-ft. (7.6m) cable
- four wall screws

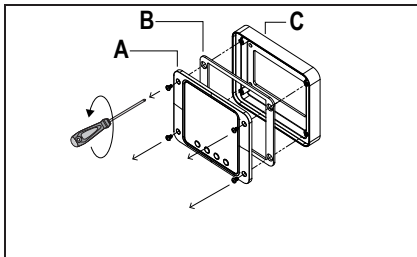
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Miscellaneous (installer-provided)

- drill/bit
- jigsaw
- screwdriver

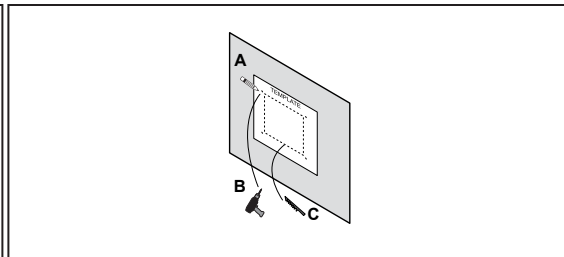


# Mounting and Wiring

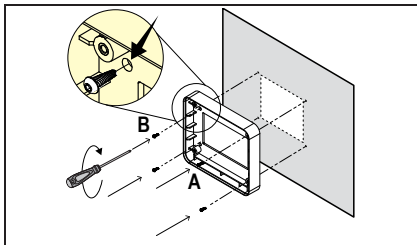
1. Remove the main module (A) and the gasket (B) from the backplate (C) by undoing the unit screws.



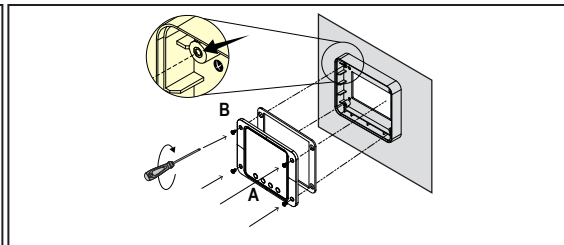
2. Using the **Template**, (A) mark the positions of the screw holes, (B) pre-drill the holes, and (C) cut the access hole using a jigsaw for routing the cable to and from the unit.



3. Position the backplate (A) on the desired location on the wall. Fasten the backplate to the wall (B) using the four wall screws.



4. Replace the main module on to the backplate (A) and secure it using the unit screws (B).



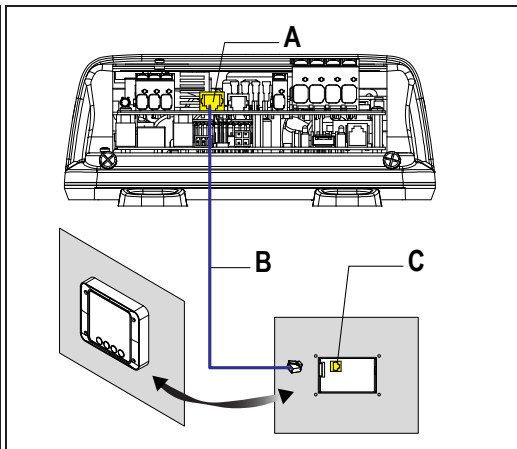
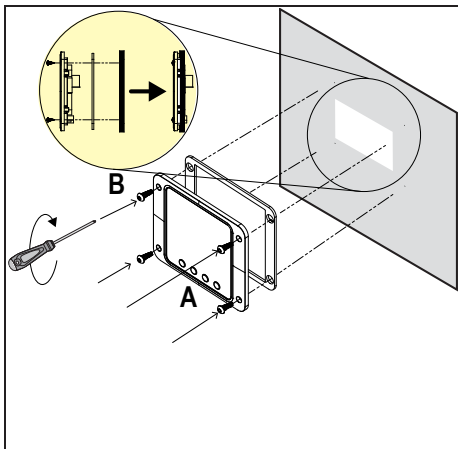
## ⚠ CAUTION

### ELECTRIC SHOCK HAZARD

Disconnect all sources of AC and DC power from the charger before accessing its wiring compartment cover.

**Failure to follow these instructions can result in physical injury.**

- Alternatively, (A) you may choose not to use the backplate and instead flush mount the main module and the gasket to the wall (B) using the four wall screws .
- Route the cable (B) from the charger's remote port (A) to the remote port (C) on the main module. Follow the general wiring instructions in the Kussmual Chief Auto Charge Battery Charger Owner's Guide.



## Specifications

Operating range	-20 to 70 °C
Humidity	5-95% without condensation
Storage	-40 to 80 °C
Ingress Protection	IP66

# Template

