

Choose the right ACR for your application

Step 1 Select an ACR that has a **CONTINUOUS** rating above the maximum alternator output rating and an **INTERMITTENT** rating that is above the largest load on the auxiliary battery.
See page 24 for an explanation.



Step 2 Review the **PRESET ACR SETTINGS**

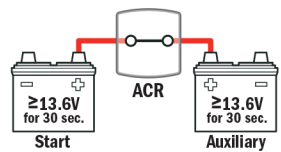
Step 3 Select the ACR with the desired **PRODUCT FEATURES**

Part Number	7601	7611	7610	7620	7622
CONTINUOUS	65A	120A	120A	500A	500A
INTERMITTENT	115A	210A	210A	700A	700A

PRESET ACR SETTINGS

Combine Voltage

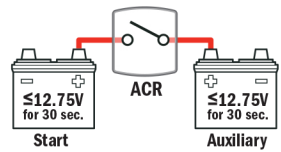
- Charge present
- Voltage in either battery is $\geq 13.6V$ for 30 sec.
- Relay will close combining batteries
- Combined batteries share charge



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Open Voltage

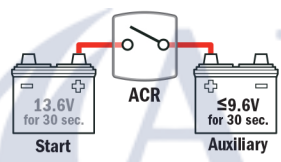
- No charge present or loads exceed charge input
- Voltage in either battery is $\leq 12.75V$ for 30 sec.
- Relay will open isolating batteries
- Isolated batteries do not share charge



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Under Voltage Lockout

- Charge may or may not be present
- Voltage in either battery is $\leq 9.6V$ for 30 sec.
- Relay will open isolating batteries protecting the ACR from high current surge
- Isolated batteries do not share charge

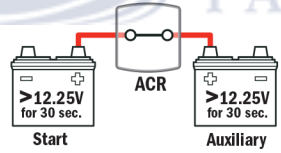


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PRODUCT FEATURES

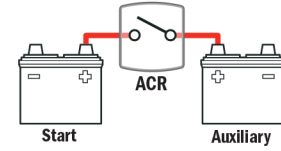
Auxiliary Battery Priority

- Condition: Engine running
- Open voltage is lowered to 12.25V from 12.75V
 - Relay remains closed longer, combining batteries, to allow use of auxiliary loads for a longer period of time



Start Isolation

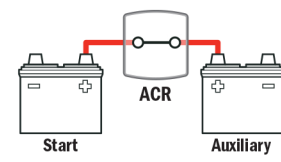
- Condition: Engine starting
- Relay is open isolating batteries
 - Batteries are isolated to protect sensitive electronics from voltage sags and spikes



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Start Assist

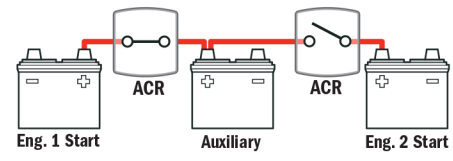
- Condition: Engine starting - (Press Contura Switch)
- Relay is closed combining batteries
 - Batteries are combined to share power in the event of a low start battery



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Engine Isolation

- Condition: Two engines are running
- One relay is open and one relay is closed
 - Engine 1 Start and Engine 2 Start batteries are isolated to protect engine electronics
 - If requested by engine manufacturer



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Manual Override

Manual override knob provides an added level of safety allowing manual control of functions

