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.

Step 2
Review the PRESET ACR SETTINGS

Step 3
Select the ACR with the desired PRODUCT FEATURES

PRESET ACR SETTINGS

Combine Voltage
- Charge present
- Voltage in either battery is \( \geq 13.6 \text{V} \) for 30 sec.
- Relay will close combining batteries
- Combined batteries share charge

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

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

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

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

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

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