

# Safety guidelines

Working with electrical systems requires caution and proper procedures to ensure your safety. Here are some essential safety guidelines to follow before beginning the installation of your Altion alternator regulator:

- **Power down completely:** Always disconnect your batteries and all charging sources before starting any electrical work. This eliminates the risk of shock or sparks that could cause injury or fire. Use the appropriate battery disconnect switch or remove the negative battery terminal.
- **Double-check, double safe:** Once the batteries are disconnected, verify with a voltmeter that there is no residual voltage present before proceeding.
- **Clear work area:** Ensure your workspace is free of clutter and flammable materials. This minimizes the risk of accidental spills or sparking that could ignite nearby objects.
- **Knowledge is power:** Before starting the installation, thoroughly read the Altion user manual. Familiarize yourself with the components, wiring diagram, and recommended installation procedures. If you have any questions or uncertainties, don't hesitate to consult a qualified electrician.
- **Safety gear:** Consider wearing appropriate safety gear such as insulated gloves and safety glasses to protect yourself from potential electrical hazards.
- **Professional help when needed:** If you're uncomfortable working with electrical systems or the installation seems complex, especially for boats with ABYC certified systems or RVs with CAN-bus networks, enlisting a qualified marine or automotive electrician is the safest option. Their expertise ensures a safe and proper installation tailored to your specific needs.

By following these safety guidelines, you can minimize risks and ensure a smooth and safe installation process for your Altion alternator regulator.

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Revision #2

Created 5 April 2024 00:48:58 by Greg Revelle

Updated 5 April 2024 00:50:28 by Greg Revelle