

Import a DC system from a Config File (LCD only)

Import a New System From a Config File:

Go to Menu> Controller> Advanced Functions> Configuration File

Select the Import.

Select the File for the new system and upload.

When the status shows a check mark, the upload is complete.

When creating a new system from a config file; run replace ADIO. If the settings are configured

to an ADIO not physically installed, see the note below.

Note:

If the imported config file includes one or more ADIO devices, they are created but it is necessary to perform a manual replace ADIO to preserve and transfer input and relay mappings. Importing a configuration depends on the type of config file. If the file was created with:

- Export Controller Clone or on a controller with 3.31 or previous, all existing configuration is deleted and replaced with the configuration in the file.
- Export System or ADIO the system and or ADIO in the file is added to the controller (only one DC system and one Converter system is supported).
- Export Partial If a file is created with Export Partial, then the configuration in the file can modify or add to existing configuration, depending on what was exported.

LCD Shortcuts Menu

- Ethernet display or update network settings
- Inventory Summary links to major system elements
- Dashboard Config change LCD to display a single or dual panel
- Language edits the default language for both web and LCD
- Browse USB review the files on a USB drive
- Export Diag. Info. exports an information package needed for support
- Backup writes a backup file to a USB drive (OS, app and config)



- Restore uploads a backup file from a USB drive
- Clock set, synchronize and view time settings
- Speaker turn alarm chime on or off
- Display recalibrate the touchscreen
- Reset restarts the controller

Backup and Restore (LCD only)

Go to Shortcuts.

To Backup: Insert a USB drive into the controller

Click Backup to save a back up file of the system settings and application. The previous backup is over written with the new file.

To Restore: Insert a USB drive into the controller.

Scroll to required back up file.

Click restore to overwrite the previous settings and application with chosen file.

Controller Main Menu



CXC HP Controller Quickstart

Active Alarms

color coded

alarms based

on severity

Introduction

This QuickStart Guide is intended to help users quickly connect the controller, set up users and permissions, set the date and time, set up and configure a system, SNMP, email, create alarms, datalogs, replace an ADIO as well as backup and restore. The back cover of this guide provides a full map of all the controller menus. For detailed information advanced product use, go to alpha.ca to download any associated manuals.

Modules Inventory and System Functions

A module is a device that communicates information. Modules will be CAN devices such as rectifiers, converters and ADIOs. Power system inventory are items that are directly involved in the flow of power through the system. For example, a rectifier is an inventory item but a controller or an ADIO is not. Other examples of system inventory are: rectifier, load, battery, disconnect, shunt, current transducer, and inverter breaker. The system functions are the major features of the system such as: charging, battery runtime and health estimation, rectifier control and monitoring and temperature compensation. Once inventory is in place you can configure and test system functions to ensure that it is working as intended.

CXC HP Controller



Dashboard Features

The dashboard is the default view on both LCD and the web. You can work with the system directly from this area. It provides an up-to-date overview of the most critical system information.

Alarm Notifications

- Last active alarm based on priority
- Red for critical or major
- Amber for minor
- Blue for warnings

System Status Summary

- Battery voltage
- Total load current
- Total output power
- System type DC, Line Power, Inverter, Converter

Controller Status

- OS version
- Software version
- Hardware version
- Device ID
- Current date and time

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LCD Touchscreen Dashboard View



Maintenance Functions such as, alarm cutoff replace ADIO, etc.

Information Serial number software and OS version

Access all controlle menus

Menu

Shortcuts access to most used Logout menus

Login

or

System Status Single or dual panel options: system signals and system mode (DC and converter systems shown)

* Description and view of the Shortcuts menus inside

