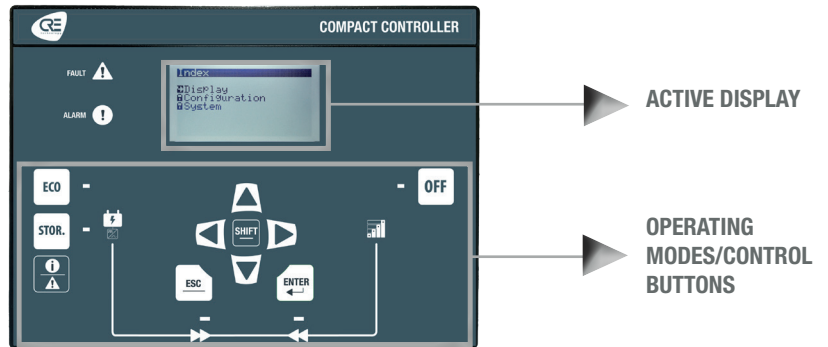# QUICK START
BAT COMPACT

The purpose of this document is to allow a fast and easy handling of the product, nevertheless it is essential that you refer to the technical documentation (latest version always available on our website www.cretechnology.com) for the commissioning.

For any further information on this product, please contact your local distributor or agent or directly our support team.

- All our products have a 1 year warranty
- Help desk: +33 492 38 86 86
- E-mail: support@cretechnology.com

ACTIVE DISPLAY

OPERATING MODES/CONTROL BUTTONS

OPERATIONNAL MODES

The controller can be configured and controlled using the buttons of the front panel:

- The arrows, ESC and ENTER buttons are dedicated to navigation for displaying measurements and parameters, and for configuring the controller.
- The SHIFT button is used to reset faults when combined with the alarms/faults button
- The ECO button switches to a mode that prioritize battery discharging when necessary and possible.
- The STORAGE button switches to a mode that prioritize battery charging whenever possible.
- The OFF button is used to open the inverter's internal power relay or an external circuit breaker.

MENUS

When the controller is powered up, the home page appears on the screen. The content of this page is dynamic, depending on the status of the power plant. Press "ENTER" to access the index page of available menus:

- **Supervision** : Use the arrow buttons to select this menu, then press "ENTER" to access the supervision pages.
- **Settings** : Use the arrow buttons to select this menu, then press "ENTER" to access the settings pages. A password is required to define the operating mode. To enter the password: Use the "↑" and "↓" buttons to change character, move to the next/previous character with the "→" and "←" buttons, confirm password by pressing "ENTER". The operating modes are the following:
  - Standard: Provides access to the basic settings recommended to start commissioning your application. The default password is "1".
  - Advanced: Provides access to all settings for optimum application commissioning. For complex settings not available on the controller front panel, use the i4Gen Suite software (Easy-Flex, scheduler, alternative selection, etc.). The default password is "1234".

THE DIFFERENT MENUS WILL APPEAR AS FOLLOW

SUPERVISION	
BUS	Bus electrical measures: powers and power factor.
BATTERY STORAGE	Battery storage electrical measures: frequency, voltage, powers, currents, power factor and SOC.
INPUTS/OUTPUTS	Real time displays for digital I/Os, and CANopen digital I/Os.
ABOUT	Information about hardware and firmware: serial number, firmware version.

SETTINGS (*LEVEL 2 ONLY)	
GENERAL	Application, timers, CAN and events settings.
ELECTRICAL	Battery storage, inverter and power management settings.
INPUTS/OUTPUTS	Digital inputs, analog inputs, digital/relay outputs and breaker settings.
PROTECTIONS*	Battery storage, generators and other protections settings.
PROGRAMMING*	Modification by variable number.
SYSTEM	Language, screen setup, date/time, Ethernet and password settings.

QUICK START
BAT COMPACT

WIRING CONNECTION

Wiring & Dimensions/Panel cut out are available on the website in the **technical documentations** section of the controller: www.cretechnology.com

PC CONNECTION - WITH I4GEN SUITE SOFTWARE

Switch on the controller. Connect the Ethernet port (RJ45-LAN) of your computer to the Ethernet port of the controller. To be able to establish communication between the i4Gen Suite and the controller, the network addresses of both devices should be configured:

- For PC network configuration, please refer to your Windows network settings.
- To configure the controller IP address, proceed as follows:

    1. Download the latest version of the i4Gen Suite software on our website https://www.cretechnology.com/en/software/130/i4gen-suite

    2. Open the i4Gen Suite software and go on Easy connect menu. ▶

    3. Click on the scan button to identify your controller. ▶ SCAN

    4. Click on the auto configuration button to adapt your controller's IP address. ▶ AUTO CONFIGURATION

    5. Your system is ready. Click on the connection button to access supervision, configuration and control of your controller. ▶

Once connected, you will be able to navigate through the following menus:

CONTROLLER SUPERVISION
(Controller measurement supervision)

CONTROLLER SETTINGS
(Controller parameters settings)

PC SETTINGS
(PC software settings)

NOTE

Before the commissioning or the operation of your equipment, please read carefully the user's manual and other related documentations.

We also offer personalized and specific training on our product range and software, as well as additional services such as: onsite support, application engineering or specific support.

⚠ **Carefully apply the safety instructions. Any misuse of your equipment can lead to human or machine damages.**

COMMISSIONING

- Disconnect the inverter (OFF button) from the busbar, and check that the batteries are no longer producing or absorbing energy (neither charging nor discharging).
- Press the STORAGE button and check that the inverter is paralleled to the busbar (this may take up to several minutes, depending on the inverter), and that the batteries are charging.
- By pressing the ECO button, the batteries can charge, discharge or do nothing depending on the load, the status of other energy sources, and the configuration and thresholds settings of the hybrid power plant.
- After commissioning, the product can operate automatically in either STORAGE or ECO mode.