ACCESSING THE FRONT PANEL CONFIGURATION EDITOR.

- Ensure the engine is at rest and the module is in STOP mode by pressing the Stop/Reset button.
- Press the Stop/Reset and Info buttons simultaneously.
- If a module security PIN has been set, the PIN number request is then shown:
  - Press the button, the first digit will flash to enable the pin to be entered.
  - Press (up) or (down to adjust it to the correct value).
  - Press (right) when the first digit is correctly entered. The digit you have just entered will now show '#', for security.
- Repeat this process for the other digits of the PIN number. You can press (left) if you need to move back to adjust one of the previous digits.
- When is pressed after editing the final PIN digit, the PIN is checked for validity. If the number is not correct, you must re-enter the PIN.
- If the PIN has been successfully entered (or the module PIN has not been enabled), the editor is displayed:

EDITING A PARAMETER

- Enter the editor as described above.
- Press the or to cycle to the section you wish to view/change. Then press or to cycle to the parameter within the section you have chosen.
- To edit the parameter, press to enter edit mode. The parameter begins to flash to indicate that you are editing the value.
- Press the up or down buttons to change the parameter to the required value.
- Press to save the value. The parameter ceases flashing to indicate that it has been saved.
- To exit the editor at any time, press and hold the or button.

NOTE: When the editor is visible, it is automatically exited after 5 minutes of inactivity to ensure security.

NOTE: The PIN number is automatically reset when the editor is exited (manually or automatically) to ensure security.

NOTE: More comprehensive module configuration is possible using the 86xx series PC configuration software. Please contact us for further details.

NOTE: The contents of the tables overleaf may differ depending on the actual module configuration.
## ADJUSTABLE PARAMETERS

### Front Panel Configuration Editor (Factory default settings are shown in bold italicised text)

**Section** | **Parameter as shown on display** | **Values**
--- | --- | ---
**Display** | Contrast | 53%<br>Language | English, Others
**Timers** | LCD Page Timer | 5m<br>Scroll Delay | 2s<br>Engine Pre Heat Timer | 30m<br>Engine Crank Duration | 15s<br>Engine Crank Start Time | 15s<br>Engine Safety On Delay | 30s<br>Engine Wake Limiting Off | NA<br>Engine Wake Limiting | 6.0v
**Charge Alternator Failure Warning** | 6.0v<br>Engine Failed To Stop | 30s<br>Engine Speed Overshoot Delay | 0s<br>Engine Crank Down Time | 1m<br>Battery Under Voltage Warning Delay | 1m<br>Generator Over Heat Delays | 30m<br>Generator Under Voltage Delays | 1m<br>**Generator Output** | Over Voltage Pre-Alarm | 265v<br>Under Voltage Pre-Alarm | 185v<br>Over Voltage Shutdown | 2777v<br>Under Voltage Shutdown | 260v<br>Over Frequency Pre-Alarm | 58Hz<br>Under Frequency Pre-Alarm | 52Hz<br>**Engine** | Over Frequency Shutdown | 3702<br>Fuel Load Setting | 550A<br>Engine Overload Trip | 110%<br>Engine Overload Current | 110%;<br>Engine Under Load | 100%<br>Engine Load Power | 0%<br>Engine Speed Overshoot | 0%<br>Engine Fail To Stop Delay | 30s<br>Engine Cool Down Time | 1m<br>Engine Warm Up Time | 0s<br>Engine Smoke Limiting Off | NA<br>Engine Smoke Limiting | 0s<br>Use System | 2 Phase A Wire<br>CT Primary | 600A<br>CT Secondary | 5A<br>Mains Decoupling Test Mode | Inactive, Active (Stop mode only)<br>**Scheduler** | Schedule on Load | Active, Inactive (Only Available When Scheduler is Active)<br>Schedule Period | Weekly, Monthly (Available When Scheduler is Active)<br>Schedule Time & Date Selection (1-16) | 1m<br>Engine Pre Heat Timer | 0s<br>Engine Warm Up Time | 0s<br>Engine Smoke Limiting Off | 0s<br>Engine Smoke Limiting | 0s<br>Battery Under Voltage Warning Delay | 1m<br>Battery Over Voltage Warning Delay | 1m<br>**Timer** | Under Frequency Shutdown | 40Hz<br>Under Frequency Pre-Alarm | 42Hz<br>Nominal Frequency | 50Hz<br>Frequency Adjust (manual mode only engine running breaker open) | 0%-100%<br>Load Power factor | 0%-100%<br>Load Power factor | 0%-100%<br>Load Demand Priority | 0%-100%<br>Load parallel power | 0%-100%<br>Insufficient Capacity Delay | 1s<br>Insufficient Capacity Action | None<br>Generator Over Current | Active<br>Generator Under Current | Inactive<br>Engine Load Off Power | 0%<br>Engine Load On Power | 100%

### Accessing the ‘Running’ Configuration Editor

- The ‘running’ editor can be entered while the engine is running. All protections remain active if the engine is running while the running editor is entered.
- Press and hold the button to enter the running editor.

### ADJUSTABLE PARAMETERS (Running editor)

- Enter the editor as described above.
- Press the or down buttons to cycle to the section you wish to view/change.
- To Edit the parameter press the button to enter edit mode. The parameter begins to flash to indicate that you are editing the value.
- Press the or down buttons to change the parameter to the required value.
- Press the button to save the value. The parameter ceases flashing to indicate that it has been saved.
- To exit the editor at any time, press and hold the button.

### Running Editor