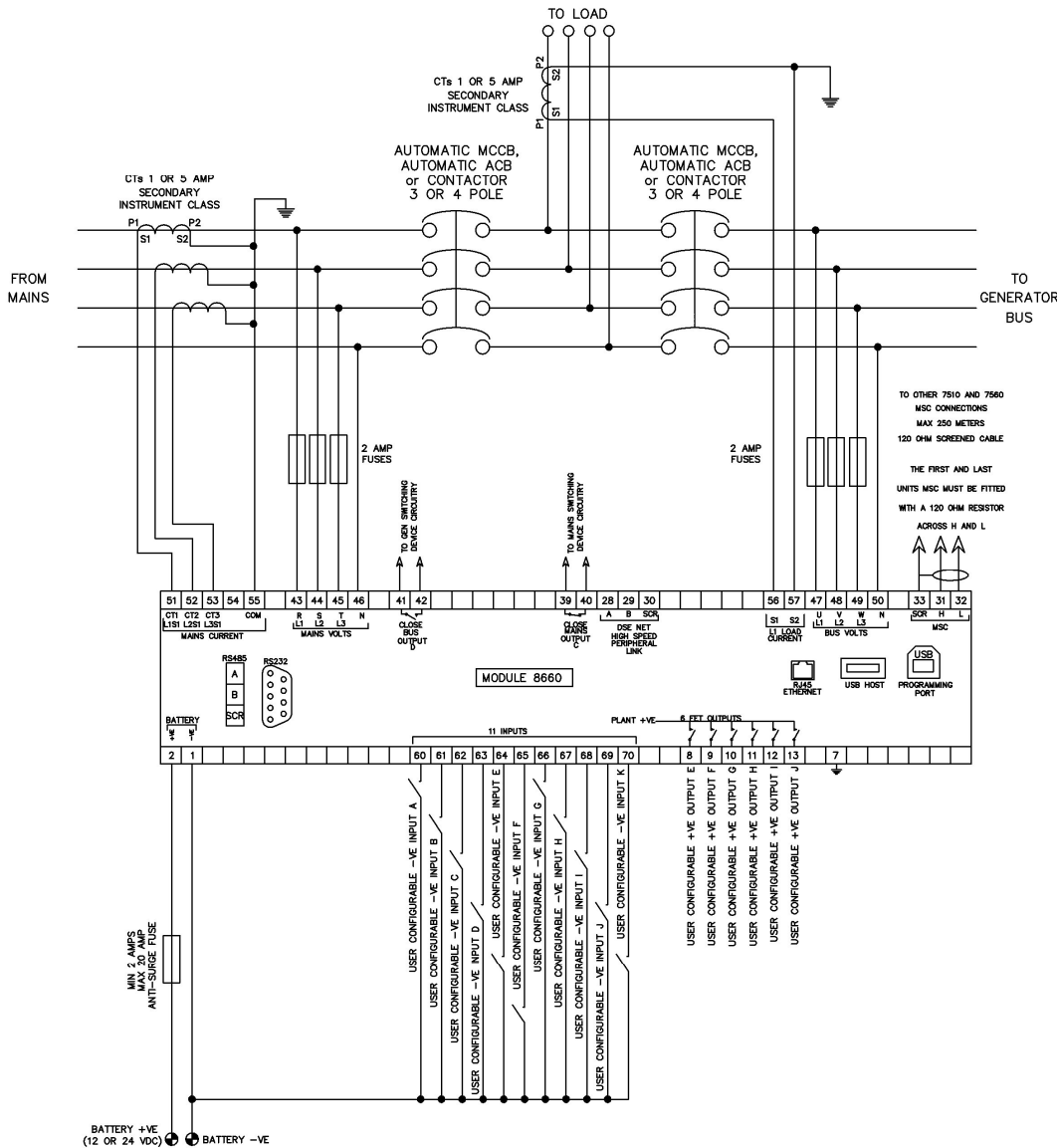


TYPICAL WIRING DIAGRAM

A larger diagram is available in the operators manual.



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 :

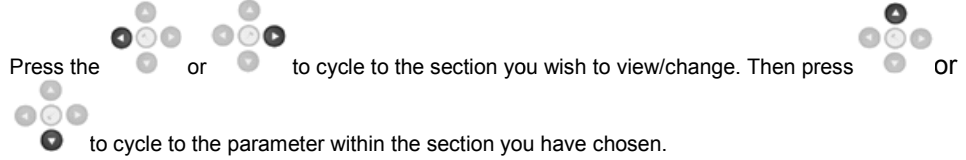


- Press (up) or (down) to adjust it to the correct value.
- Press (right) when the first digit is correctly entered. The digit you have just entered will now show '#' for security.
- Repeat this process for the other digits of the PIN number. You can press (left) if you need to move back to adjust one 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.


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ADJUSTABLE PARAMETERS

Front Panel Configuration Editor



Section	Parameter as shown on display	Factory Settings	
Display	Contrast	53%	
	Language	English, others.	
	Current Date and Time	hh:mm	
Timers	LCD Page Timer	5m	
	Scroll Delay	2s	
	Battery Under Voltage warning Delay	1m	
	Battery Over Voltage warning Delay	1m	
	Start Delay Off Load	5s	
	Start Delay On Load	5s	
	Start Delay Telemetry	5s	
	Start Delay Mains Fail	5s	
	Mains Transient Delay	2s	
	Return Delay	30s	
	Mains Transient Time	0.7s	
	Mains	Under voltage Trip	184V
		Over voltage Trip	276V
Under Frequency Trip		45Hz	
Over Frequency Trip		55Hz	
CT Primary		600A	
CT Secondary		5A	
Mains KW Rating		345kw	
Mains KVar Rating		258kw	
AC System		3 Phase 4 wire	
Bus		Start Delay On Load	5s
	Insufficient Capacity Delay	1s	
	Battery Under Volts warning	Active	
	Battery Under Volts warning Delay	1m	
	Battery Under Volts warning	10V	
	Battery Over volts warning	Active	
	Battery Over volts warning Delay	1m	
	Battery Over volts warning	30V	
	Load Level For More Sets	80%	
	Load Level For Less Sets	70%	
	Load Ramp Rate	3%/s	
	Schedule	Scheduler	Inactive
		Schedule Loading On Load	Inactive (Only Available when Scheduler Is Active)
		Schedule Period	weekly (Only Available when Scheduler Is Active)
		Schedule Time & Date Selection (1-16)	Press  to begin editing then  or  when selecting the different parameters in the scheduler.


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 up  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 up  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

Section	Parameter as shown on display	Factory Settings
Display	Contrast	53%
	Language	English
	Load parallel power	30%
	Load Power factor	63%
	Commissioning screens	Inactive
	Mains decoupling test mode (Stop mode only)	Inactive
	Voltage adjust (manual mode only engine running breaker open)	0V L-N
	Frequency adjust (manual mode only engine running breaker open)	0 Hz

DIMENSIONS

240.0mm x 181.1mm x 41.7mm (9.4" x 7.1" x 1.6")

PANEL CUTOUT:

220mm x 160mm (8.7" x 6.3")