



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

Section	Parameter as shown on	Values		
Input settings	Oil Pressure Pre Alarm	0bar - 4bar (1.17bar)		
	Oil Pressure Shutdown	0bar - 4bar (1.03bar)		
	High Coolant Temp Pre Alarm	80°C - 140°C (115°C)		
	High Coolant Temp Shutdown	80°C - 140°C (120°C)		
	Low Coolant Temp Alarm	67°C - 137°C (disabled)		
	Low Fuel Level Alarm	0% - 100% (disabled)		
Timers	Gen Transient Delay	0 - 10s (0s)		
	Start Delay	0 - 60m (5s)		
	Pre Heat Time	0 - 60m (0s)		
	Crank Time	0 - 60s (10s)		
	Crank Rest Time	0 - 60s (10s)		
	Safety On Delay	0 - 30s (10s)		
	Overspeed Overshoot Delay	0 - 10s (0s)		
	warm Up Time	0 - 60m (0s)		
	Return Delay	0 - 60m (30s)		
	Cooling Run Time	0 - 60m (1m)		
	Fail To Stop Delay	0 - 30s (30s)		
	Low Battery Delay	0 - 10m (1m)		
	High Battery Delay	0 - 10m (1m)		
	Gen Reverse Power Delay	0 - 30s (2s)		
	Generator	Generator Under Voltage Shutdown	50V-360V ph-N (184V)	
Generator Under Voltage Pre Alarm		50V-360V ph-N (196V)		
Generator Nominal Voltage		52V-330V(230V)		
Generator Over Voltage Pre Alarm		50V-360V ph-N (265V)		
Generator Over Voltage Shutdown		50V-360V ph-N (277V)		
Generator Under Frequency Shutdown		0Hz - 75Hz (40Hz)		
Generator Under Frequency Pre Alarm		0Hz - 75Hz (42Hz)		
Generator Nominal Frequency		0Hz - 74Hz (50Hz)		
Generator Over Frequency Pre Alarm		0Hz - 75Hz (55Hz)		
Generator Over Frequency Shutdown		0Hz - 75Hz (57Hz)		
Generator Over Current Trip		100% - 200% full load rating (100%)		
Generator Short Circuit Trip		50% - 300% full load rating (200%)		
Generator Reverse Power Trip	0% - 200% full load rating (35kW)			
Earth Fault Trip	1% - 100% full load rating (10%)			
Engine	Engine Underspeed Shutdown	0RPM - 6000RPM (disabled)		
	Engine Underspeed Pre Alarm	0RPM - 6000RPM (disabled)		
	Engine Overspeed Pre Alarm	0RPM - 6000RPM (disabled)		
	Engine Overspeed Shutdown	0RPM - 6000RPM (disabled)		
	Overspeed Overshoot	0% - 10% (0%)		
	Plant Battery Under Volt Alarm	0V - 40V (10V)		
	Plant Battery Over Volt Alarm	0V - 40V (30V)		
	Charge Alternator Failure Alarm	0V - 40V (6V)		
Display	Language	ENGLISH, OTHERS		
AC System	Alternative Frequency	Enable, Disable		
	Alternative Voltage	Enable, Disable		
	AC System	3 Phase 4 wire 1 Phase 2 wire 3 phase 3 wire 2 phase 3 wire L1 & L2 3 phase 4 wire EDISON DELTA 2 phase 3 wire L1 & L3		
	Generator Full Load Current	0A - 8000A (500A)		
	Droop	Enable, Disable		
	Droop %	0% - 5%	Electronic engines only when Droop is enabled	
	Display	Contrast	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	
	Clock	Date and Time	dd mmm yyyy hh:mm:ss	
Misc.	Run Priority	1-16 (1)		
	Auto Scroll Time	0 - 10s (2.0s)		
CT	Generator CT Primary Rating	0A - 8000A (600A)	Power Cycle After Exit	
	Generator CT Secondary Rating	1A, 5A	Power Cycle After Exit	
Power	Full kW Rating	0MW - 20MW (345kW)	Power Cycle After Exit	
	Full kVAr Rating	0MVA - 20MVAr (258kVAr)	Power Cycle After Exit	
	Load Ramp Rate	0% - 100% (3.0%)		
	Load Level For More Sets	0% - 100% (80%)		
	Load Level For Less Sets	0% - 100% (70%)		
	Load Parallel Power	0% - 100% (172kW)		
	Load Power Factor	0% - 100% (1.0pf 0kVAr 0%)		
	Ramp with P123 present	Enable, Disable		
Reactive Load Ctrl Mode	None, VAr Share , VAr Fixed Export			

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.

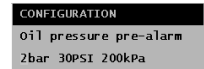


- Press the Stop/Reset and Info buttons simultaneously.
- If a module security PIN has been set, the PIN number request is then shown (The first * is flashing) :
- Press + or - buttons to adjust it to the correct value. Press ✓ when the first digit is correctly entered. Repeat this process for the other digits of the PIN number.
- When ✓ is pressed after editing the final PIN digit, the PIN is checked for validity. If the number is not correct, the editor is automatically exited. To retry you must re-enter the editor as described above.
- If the PIN has been successfully entered (or the module PIN has not been enabled), CONFIGURATION is displayed :



EDITING A PARAMETER

- Enter the editor as described above.
- Press the + and - buttons to cycle to the parameter you wish to change.
- Press the ✓ button to enter edit mode. When in edit mode (indicated by the flashing parameter)
- Pressing the + and - buttons will adjust the parameter to the desired value.
- For date and time editing only: press to select between day, month, year, hours and minutes.
- Press the ✓ button to 'save' the value. The value will stop flashing to confirm that it has been saved.
- To select another value to edit, press the + button. Continuing to press the + and - buttons will cycle through the adjustable parameters as shown overleaf.
- To exit the front panel configuration editor at any time, press the Stop/Reset button. Ensure you have saved any changes you have made by pressing the ✓ button first.



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 5xxx series PC configuration software in conjunction with the P810 PC interface. Please contact us for further details.

NOTE: - Languages are subject to change as the modules are updated. Please contact us for the list of latest supported languages.

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