ADJUSTABLE PARAMETERS Continued

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

Section	Parameter as shown on display	Values	
Input settings	Oil Pressure Pre Alarm	0 bar -4bar (1.17bar)	
p	Oil Pressure Shutdown	0 bar -4bar (1.03bar)	
	High Coolant Temp Pre Alarm	80°C -140°C (115°C)	
	High Cool ant Temp Shutdown	80°C -140°C (120°C)	
	Low Coolant Temp Alarm	67°C -137°C (<i>disabled</i>)	
	Low Fuel Level Alarm	0%-100% (<i>disabled</i>)	
Timers	Gen Transient Delay	0 -10s (0s)	
	Start Del ay	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 Del ay	0 -60m (30s)	
	Cooling Run Time	0-60m (<i>1m</i>)	
	Fail To Stop Delay	0-30s (30s)	
	Low Battery Delay	0-10m (<i>1m</i>)	
	High Battery Del ay	0-10m (<i>1m</i>)	
	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 Ararm	0HZ -75HZ (42HZ)	
	Generator Nominal Frequency	0Hz – 74Hz (50Hz)	
	Cenerator Over Frequency Pre Ararm	0 -75Hz (55Hz)	
	Cenerator Over Frequency Shutdown	0-75H2 (57H2)	
	Concrator Short Circuit Trip	100-200% full load rating (100%)	
	Concreter Deverse Dever Trip	50%-300% full load rating (200%)	
	Farth Fault Trip	1% 100% full load rating (35 KW)	
Engine	Engine Underspeed Shutdown	0.6000RPM (dischlad)	
Engine	Engine Underspeed Shatdown	0-6000RPM (disabled)	
	Engine Overspeed Pre Alarm	0.6000RPM (disabled)	
	Engine Overspeed Shutdown	0-6000RPM (disabled)	
	Overspeed Overshoot	0-10 (0%)	
	Plant Battery Under Volt Alarm	$0-24 \vee (10 \vee)$	
	Plant Battery Over Volt Alarm	0.24V(10V)	
	Charge Alternator Failure Alarm	0-24V (6V)	
Display		ENGLISH. OTHERS	
AC System	Alternative Frequency	Enable, <i>DI sable</i>	
	Al ternati ve Vol tage	Enable, <i>Di sable</i>	
		3 Phase A wire	
		1 Phase 2 wire	
	AC System	3 phase 3 wire	
		2 phase 3 wire LI & L2 3 phase 4 wire ED	
		2 phase 3 wire L1 & L3	
	Generator Full Load Current	0-6000A (500)	
	Droop	Enable, <i>Disable</i>	
Diaplay	Contract		
Display			
Clock	Date and Time	dd mmm yyyy hh:mm:ss	
Misc	Run Priority	1-16 (1)	
	Auto Scroll Time	0-10s (2.0s)	
СТ	Generator CT Primary Rating	0-6000A (600A)	Power Cycle After Exit
_	Generator CT Secondary Rating	1, 5A	Power Cycle After Exit
Power	Full kW Rating	0-6000kW (345kW)	Power Cycle After Exit
	Full kVAr Rating	0-6000 (258kVAr)	Power Cycle After Exit
	Load Ramp Rate	0-100% (5.0%)	
	Load Level For More Sets	0-100% (80%)	
	Load Level For Less Sets	0-100% (70%)	
	Load Parallel Power	0-100% (172kW)	
	LLDAD POWER FACTOR		



5510 INSTALLATION INSTRUCTIONS

ACCESSING THE FRONT PANEL CONFIGURATION EDITOR

• Ensure the engine is at rest and the module is in STOP mode by pressing the Stop/Reset O button.

- Press the Stop/Reset **O** and Info **1** 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 :



- 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 (A) 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 O button. Ensure you have saved any changes you have made by pressing the ✓ button first.

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

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

A 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.

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

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CONFIGURATION





DIMENSIONS

240mm x 172mm x 57mm (9.5" x 6.8" x 2.25")

PANEL CUTOUT :

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

SCREW TERMINALS

Suitable for : 0.6mm² - 1.3mm² (22 - 16 AWG) Tightening torque : 0.8Nm (7 lb / sq in)

TO OTHER 5510 AND 5560 → MSC CONNECTIONS → MAX 250 METERS 120 OHM SCREENED CABLE → THE FIRST AND LAST UNITS MSC MUST BE FITTED WITH A 120 OHM RESISTOR ACROSS ML AND MH

ADJUSTABLE PARAMETERS Continued overleaf

Display and Engine running settings editor Press the **OO** buttons simultaneously to enter the editor. Press U button to cycle round the available . parameters. Press **OO** to change the visible parameter. To exit select Abandon or Save changes and exit and press either OO button. Parameter Values Contrast ENGLISH, OTHERS Language Gen set run priority 1-16 (**1**) Abandon changes & exit Save changes & exit