

Parameter Number	Parameter	Min	Default	Max	Parameter Unit	Parameter Function Definition
PE001	Crank Delay	0	5	300	Second	Delay for first crank in AUTO or TEST Mode. Also if any of the outputs are assigned a pre-heat function, then this parameter will determine the duration of the pre-heat period.
PE002	Crank Attempts	1	3	20		Maximum number of crank attempts.
PE003	Cranking Time	1	5	100	Second	Maximum crank time during cranking period.
PE004	Crank Rest Time	1	5	300	Second	Delay time between crank attempts.
PE005	Mains Circuit Breaker Delay	0	5	300	Second	After the Mains voltage is stabilized, the Mains Circuit Breaker will be closed at the end of the time period set by this parameter. (Only in AUTO operation mode. This parameter has no function in MAN, TEST and OFF operation modes)
PE006	Generator Circuit Breaker Delay	0	5	300	Second	After the Generator voltage is stabilized, the Generator Circuit Breaker will be closed at the end of the time period set by this parameter. (Only in AUTO operation mode. This parameter has no function in MAN, TEST and OFF operation modes)
PE007	Cooldown Timer	0	120	3600	Second	Determines the engine cooldown time.
PE008	On-Load Test Mode	0	0	1		0: The Generator will run on-load while the AMF is in TEST mode 1: The Generator will run off-load while the AMF is in TEST mode
PE009	Control of Mains Circuit Breaker in OFF Mode	0	0	1		0: The MCB is controlled in OFF mode 1: The MCB is NOT controlled in OFF mode
PE010	Failure Check in OFF Mode	0	0	1		0: Check for failures while in OFF mode 1: Do NOT check for failures while in OFF mode
PE011	Start-up Mode	0	0	4		0: When the AMF is powered, the unit starts in OFF mode 1: When the AMF is powered, the unit starts in TEST mode 2: When the AMF is powered, the unit starts in AUTO mode 3: When the AMF is powered, the unit starts in MANUAL mode 4: When the AMF is powered, the unit starts in the same mode as it was before it was powered off
PE012	Single Phase - Three Phase Control	0	3	3		0: Mains Single Phase (R Phase) , Generator Single Phase (U Phase) 1: Mains Single Phase (R Phase) , Generator Three Phase 2: Mains Three Phase , Generator Single Phase (U Phase) 3: Mains Three Phase, Generator Three Phase
PE013	Excitation Current Output Time	0	5	100	Second	This parameter determines how long the AMF will provide excitation current upon crank output activation
PE014	Operate with Battery Back-up	0	0	1		DO NOT USE
PE015	Generator Rest Time	1	3	300	Second	Determines how long the Generator will rest for before starting again
PE016	Generator Stop Failure Delay	1	5	300	Second	If the AMF has not stopped the engine at the end of this time period, the AMF will indicate a "Start/Stop Failure"
PE017	Fuel/Stop Solenoid (Coil) Output Selection	0	1	1		0: Stop Solenoid (Coil) 1: Fuel Solenoid (Coil)
PE018	Safety On Delay	0	5	300	Second	The AMF will not check for failures until the time period determined by this parameter elapses, after the engine started signal has been received.
PE019	Reserved Parameter	0	0	1000		This parameter is reserved and not used.
PE020	Alarm Output ( HORN ) Activation Period	0	60	300	Second	When any functional output is selected as "Alarm Output", this parameter will determine how long the output will be active for.
PE021	Alarm ( HORN ) Output Operation Method	0	1	1		0: Alarm output latched 1: Alarm output pulsed
PE022	Phase Sequence Error	0	0	1		0: Passive 1: Active
PE023	User Defined Page Active	0	0	1		Activates the user defined measurement pages. 0: Passive 1: Active
PE024	Contrast	0	70	100		Contrast ratio of the LCD display.
PE025	Language	0	0	1		0: Turkish 1: English
PE026	Telecom Battery Low Voltage Value	50	150	600	Volt	DO NOT USE
PE027	Telecom Battery High Voltage Value	50	200	990	Volt	DO NOT USE
PE028	Stop Solenoid ( Coil ) Time	0	0	300	Second	The Stop solenoid (Coil) will stay active for this time period in order to stop the engine.
PE029	Delay Time Between Fuel-Crank output	0	3	50		Determines how later the crank output will be activated after the fuel solenoid has been energized.
PE030	Return to Factory Settings	0	0	1		0: Not Used 1: Load factory settings to all parameters
PE031	Reserved Parameter					This parameter is reserved and not used.
PE032	Clear Alarm Log	0	0	1		0: Not Used 1: Clear the Alarm log
PE033	1st Level Password	0	1	9999		User Level Password
PE034	2nd Level Password	0	0	9999		Service Level Password
PE035	3rd Level Password	0	0	9999		Factory Level Password
PE036	Mains Under Voltage	50	170	600	Volt	Lower limit for the Mains Failure Alarm. The Mains Failure Alarm is activated if the Mains voltage is below this parameter value for the time period determined by "P039: Mains Failure Delay".
PE037	Mains Over Voltage	50	250	600	Volt	Upper limit for the Mains Failure Alarm. The Mains Failure Alarm is activated if the Mains voltage is above this parameter value for the time period determined by "P039: Mains Failure Delay".
PE038	Mains Transfer Time	1	60	3600	Second	When the Mains comes back, the AMF will monitor its stability for the time period set by this parameter. If stable, the Load is transferred to the Mains. This time period is only used in AUTO and TEST operation modes.
PE039	Mains Failure Delay	1	3	300	Second	When the Mains voltage is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Mains Failure Alarm.
PE040	Mains Under Frequency	10	45	99	Hz	Lower limit for the Mains Frequency Failure Alarm. The Mains Frequency Failure Alarm is activated if the Mains frequency is below this parameter value for the time period set by "P042: Mains Frequency Failure Delay".
PE041	Mains Over Frequency	10	55	99	Hz	Upper limit for the Mains Frequency Failure Alarm. The Mains Frequency Failure Alarm is activated if the Mains frequency is above this parameter value for the time period set by "P042: Mains Frequency Failure Delay".

PE042	Main Frequency Failure Delay	1	3	300	Second	When the Mains frequency is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Mains Failure Alarm.
PE043	Mains Frequency Failure	0	0	1		0: Passive 1: Active (Please refer to P40 and P41)
PE044	Battery Voltage Failure	0	0	1		0: Passive 1: Active
PE045	Battery Voltage Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE046	Battery Voltage Failure Delay	1	5	300	Second	When the battery voltage is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Battery Voltage Failure.
PE047	Battery Voltage Failure Lower Limit	3.0	24.0	35.0	Volt	If the battery voltage is below this lower limit for the time period set by "P046: Battery Voltage Failure Delay", the AMF will display a "LOW BATTERY WARNING" on the front panel.
PE048	Battery Voltage Failure Upper Limit	3.0	24.0	35.0	Volt	If the battery voltage is above this upper limit for the time period set by "P046: Battery Voltage Failure Delay", the AMF will display a "HIGH BATTERY WARNING" on the front panel.
PE049	Battery Supply Unit Power-off Function	0	0	1		0: Passive (The AMF will NOT be powered-off if the DC power supply to the unit is out of limits) 1: Active (The AMF will be powered-off if the DC power supply to the unit is out of limits)
PE050	Reserved Parameter					This parameter is reserved and not used.
PE051	Battery Supply Unit Power-off Lower Limit	30	200	350	Volt	If the battery DC supply is below this lower limit for the time period set by "P046: Battery Voltage Failure Delay", the AMF will automatically power-off.
PE052	Battery Supply Unit Power-off Upper Limit	30	330	350	Volt	If the battery DC supply is above this upper limit for the time period set by "P046: Battery Voltage Failure Delay", the AMF will automatically power-off.
PE053	Reserved Parameter					This parameter is reserved and not used.
PE054	Battery Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE055	Generator Voltage Protection Function	0	2	2		0: Passive 1: Protection is enabled 2: Engine running feedback from Generator voltage and protection is enabled
PE056	Generator Voltage Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE057	Generator Voltage Failure Delay	1	3	300	Second	When the Generator voltage is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Generator Voltage Failure.
PE058	Generator Under Voltage	50	180	600	Volt	If the Generator voltage is below this lower limit for the time period set by "P057: Generator Voltage Failure Delay", the AMF will display "LOW GEN. VOLTAGE" on the front panel.
PE059	Generator Over Voltage	50	250	600	Volt	If the Generator voltage is above this upper limit for the time period set by "P057: Generator Voltage Failure Delay", the AMF will display "HIGH GEN. VOLTAGE" on the front panel.
PE060	Crank Disconnect on Generator Voltage Delay	1	5	20	Second	Refer to "P061: Generator Voltage as Running Feedback"
PE061	Crank Disconnect on Generator Voltage	0	100	600	Volt	When the Generator voltage is higher than this parameter value for the duration of "P060: Crank Disconnect on Generator Voltage Delay", cranking is stopped. (If "P062: Generator Voltage Protection Function" = 2)
PE062	Generator Frequency Protection Function	0	2	2		0: Passive 1: Protection is enabled 2: Engine running feedback from Generator frequency and protection is enabled
PE063	Generator Frequency Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE064	Generator Frequency Failure Delay	1	3	300	Second	When the Generator frequency is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Generator Frequency Failure.
PE065	Generator Under Frequency	10	45	99	Hz	If the Generator frequency is below this lower limit for the time period set by "P064: Generator Frequency Failure Delay", the AMF will display "LOW GEN. FREQUENCY" on the front panel.
PE066	Generator Over Frequency	10	55	99	Hz	If the Generator frequency is above this upper limit for the time period set by "P064: Generator Frequency Failure Delay", the AMF will display "HIGH GEN. FREQUENCY" on the front panel.
PE067	Crank Disconnect on Generator Frequency Delay	0	1	20	Second	Refer to "P068: Crank Disconnect on Generator Frequency"
PE068	Crank Disconnect on Generator Frequency	1	200	1000	Hz	If the Generator frequency is above this upper limit for the time period set by "P067: Crank Disconnect on Generator Frequency Delay", cranking is stopped. (If "P062: Generator Frequency Protection Function" = 2)
PE069	Engine RPM Protection Function	0	0	2		0: Passive 1: Protection is enabled 2: Engine running feedback from engine RPM and protection is enabled
PE070	Engine RPM Failure Delay	0	5	300	Second	When the engine RPM is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Engine RPM Failure.
PE071	Engine Over RPM	100	5000	10000	RPM	If the engine RPM is above this upper limit for the time period set by "P070: Engine RPM Failure Delay", the AMF will display "HIGH ENGINE SPEED" on the front panel.
PE072	Engine Under RPM	100	3000	10000	RPM	If the engine RPM is below this lower limit for the time period set by "P070: Engine RPM Failure Delay", the AMF will display "LOW ENGINE SPEED" on the front panel.
PE073	Crank Disconnect on Engine RPM Delay	0	0	65535	Second	Refer to "P074: Engine RPM Running Feedback"
PE074	Crank Disconnect on Engine RPM	0	0	10000	RPM	If the engine RPM is above this upper limit for the time period set by "P073: Crank Disconnect on Engine RPM Delay", cranking is stopped. (If "P069: Engine RPM Protection Function" = 2)

PE075	Flywheel Teeth / Alternator Pole Number	0	0	500		This parameter determines the Number of Flywheel teeth or the Number of Alternator Poles for RPM measurement. <b>!Caution:</b> <b>If P145: RPM Measurement Source Selection is = 0 then the source has been selected as Alternator Pole and this parameter determines the number of Alternator Poles.</b> <b>If P145: RPM Measurement Source Selection is =1 then the source has been selected as Magnetic Pick-up and this parameter determines the Number of Flywheel Teeth.</b>
PE076	Charge Alternator Protection Function	0	0	1		0: Passive 1: Protection is enabled 2: Engine running feedback from charge alternator and protection is enabled
PE077	Charge Alternator Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE078	Charge Alternator Failure Delay	0	0	300		When the charge alternator voltage is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Charge Alternator Failure.
PE079	Charge Alternator Under Voltage	0	100	200	Volt	If the charge alternator voltage is below this lower limit for the time period set by "P078: Charge Alternator Failure Delay", the AMF will display "CHARGE VOLTAGE FAIL" on the front panel.
PE080	Charge Alternator Over Voltage	0	180	350	Volt	If the charge alternator voltage is above this upper limit for the time period set by "P078: Charge Alternator Failure Delay", the AMF will display "CHARGE VOLTAGE FAIL" on the front panel.
PE081	Crank Disconnect on Charge Alternator Delay	1	5	20	Second	Refer to "P082: Crank Disconnect on Charge Alternator"
PE082	Crank Disconnect on Charge Alternator	0	130	350	Volt	If the charge alternator voltage is above this upper limit for the time period set by "P081: Crank Disconnect on Charge Alternator Delay", cranking is stopped. (If "P076: Charge Alternator Protection Function" = 2)
PE083	Charge Alternator Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE084	Analog Oil Pressure Protection Function	0	0	2		0: Passive 1: Protection is enabled 2: Engine running feedback from analog oil pressure sensor and protection is enabled
PE085	Analog Oil Pressure Failure Delay	0	5	300	Second	When the analog oil pressure is below the limit, the AMF will wait for the time period set by this parameter before indicating a Low Oil Pressure Failure.
PE086	Crank Disconnect on Analog Oil Pressure Delay	0	5	20	Second	Refer to "P090 : Crank Disconnect on Analog Oil Pressure"
PE087	Crank Disconnect on Digital Oil Pressure Input Delay	1	5	20	Second	This is the delay timer before the AMF stops cranking based on the digital oil pressure sensor input reading. This parameter is only functional when a digital input is assigned as "Oil Pressure Switch". Refer to "P206: Digital Input 1 Function".
PE088	Pre-crank Check Delay (Analog Oil Pressure)	1	5	60	Second	If the analog oil pressure sensor indicates high before cranking, the AMF will wait for this time period for the oil pressure to drop.
PE089	Analog Low Oil Pressure Value	0	40	100	Bar	If the analog oil pressure reading is below this lower limit for the time period set by "P085: Analog Oil Pressure Failure Delay", the AMF will display "LOW OIL PRESSURE" on the front panel.
PE090	Crank Disconnect on Analog Oil Pressure	0	30	100	Bar	If the analog oil pressure reading is above this upper limit for the time period set by "P086: Crank Disconnect on Analog Oil Pressure Delay", cranking is stopped. (If "P084: Analog Oil Pressure Protection Function" = 2)
PE091	Analog Oil Pressure Cranking Value	0	15	100	Bar	If the AMF receives a start command, it will not crank the engine if the analog oil pressure sensor reading is above this value for the time period set by "P088: Pre-crank Check Delay".
PE092	Analog Oil Pressure Sensor Type	0	0	5		0: 6 BAR (Endiksan Type) 1: VDO 7 BAR 2: VDO 10 BAR 3: VDO 80 PSI 4: VDO 5 BAR 5: User Defined
PE093	Pressure Display Unit					0: Bar 1: PSI
PE094	Number of Points on Pressure Sensor Table	0	0	25		When the "P092: Analog Oil Pressure Sensor Type" = 5, this parameter determines how many points will be set on the settings table.
PE095	Oil Pressure 1st Point Resistance Value	0	0	1000	Ohm	Resistance value for First (1st) point
PE096	Oil Pressure 1st Point Pressure Value	0	0	100	Bar	Pressure value for First (1st) point
PE097	Oil Pressure 2nd Point Resistance Value	0	0	1000	Ohm	Resistance value for Second (2nd) point
PE098	Oil Pressure 2nd Point Pressure Value	0	0	100	Bar	Pressure value for Second (2nd) point
PE099	Oil Pressure 3rd Point Resistance Value	0	0	1000	Ohm	Resistance value for Third (3rd) point
PE100	Oil Pressure 3rd Point Pressure Value	0	0	100	Bar	Pressure value for Third (3rd) point
PE101	Oil Pressure 4th Point Resistance Value	0	0	1000	Ohm	Resistance value for Fourth (4th) point
PE102	Oil Pressure 4th Point Pressure Value	0	0	100	Bar	Pressure value for Fourth (4th) point
PE103	Oil Pressure 5th Point Resistance Value	0	0	1000	Ohm	Resistance value for Fifth (5th) point
PE104	Oil Pressure 5th Point Pressure Value	0	0	100	Bar	Pressure value for Fifth (5th) point
PE105	Oil Pressure 6th Point Resistance Value	0	0	1000	Ohm	Resistance value for Sixth (6th) point
PE106	Oil Pressure 6th Point Pressure Value	0	0	100	Bar	Pressure value for Sixth (6th) point
PE107	Oil Pressure 7th Point Resistance Value	0	0	1000	Ohm	Resistance value for Seventh (7th) point
PE108	Oil Pressure 7th Point Pressure Value	0	0	100	Bar	Pressure value for Seventh (7th) point
PE109	Oil Pressure 8th Point Resistance Value	0	0	1000	Ohm	Resistance value for Eighth (8th) point
PE110	Oil Pressure 8th Point Pressure Value	0	0	100	Bar	Pressure value for Eighth (8th) point
PE111	Oil Pressure 9th Point Resistance Value	0	0	1000	Ohm	Resistance value for Ninth (9th) point
PE112	Oil Pressure 9th Point Pressure Value	0	0	100	Bar	Pressure value for Ninth (9th) point
PE113	Oil Pressure 10th Point Resistance Value	0	0	1000	Ohm	Resistance value for Tenth (10th) point
PE114	Oil Pressure 10th Point Pressure Value	0	0	100	Bar	Pressure value for Tenth (10th) point
PE115	Oil Pressure 11th Point Resistance Value	0	0	1100	Ohm	Resistance value for Eleventh (11th) point
PE116	Oil Pressure 11th Point Pressure Value	0	0	110	Bar	Pressure value for Eleventh (11th) point
PE117	Oil Pressure 12th Point Resistance Value	0	0	1200	Ohm	Resistance value for Twelfth (12th) point
PE118	Oil Pressure 12th Point Pressure Value	0	0	120	Bar	Pressure value for Twelfth (12th) point
PE119	Oil Pressure 13th Point Resistance Value	0	0	1300	Ohm	Resistance value for Thirteenth (13th) point

PE120	Oil Pressure 13th Point Pressure Value	0	0	130	Bar	Pressure value for Thirteenth (13th) point
PE121	Oil Pressure 14th Point Resistance Value	0	0	1400	Ohm	Resistance value for Fourteenth (14th) point
PE122	Oil Pressure 14th Point Pressure Value	0	0	140	Bar	Pressure value for Fourteenth (14th) point
PE123	Oil Pressure 15th Point Resistance Value	0	0	1500	Ohm	Resistance value for Fiveteenth (15th) point
PE124	Oil Pressure 15th Point Pressure Value	0	0	150	Bar	Pressure value for Fiveteenth (15th) point
PE125	Oil Pressure 16th Point Resistance Value	0	0	1600	Ohm	Resistance value for Sixteenth (16th) point
PE126	Oil Pressure 16th Point Pressure Value	0	0	160	Bar	Pressure value for Sixteenth (16th) point
PE127	Oil Pressure 17th Point Resistance Value	0	0	1700	Ohm	Resistance value for Seventeenth (17th) point
PE128	Oil Pressure 17th Point Pressure Value	0	0	170	Bar	Pressure value for Seventeenth (17th) point
PE129	Oil Pressure 18th Point Resistance Value	0	0	1800	Ohm	Resistance value for Eighteenth (18th) point
PE130	Oil Pressure 18th Point Pressure Value	0	0	180	Bar	Pressure value for Eighteenth (18th) point
PE131	Oil Pressure 19th Point Resistance Value	0	0	1900	Ohm	Resistance value for Nineteenth (19th) point
PE132	Oil Pressure 19th Point Pressure Value	0	0	190	Bar	Pressure value for Nineteenth (19th) point
PE133	Oil Pressure 20th Point Resistance Value	0	0	2000	Ohm	Resistance value for Twentieth (20th) point
PE134	Oil Pressure 20th Point Pressure Value	0	0	200	Bar	Pressure value for Twentieth (20th) point
PE135	Oil Pressure 21th Point Resistance Value	0	0	2100	Ohm	Resistance value for Twenty First (21th) point
PE136	Oil Pressure 21th Point Pressure Value	0	0	210	Bar	Pressure value for Twenty First (21th) point
PE137	Oil Pressure 22th Point Resistance Value	0	0	2200	Ohm	Resistance value for Twenty Second (22th) point
PE138	Oil Pressure 22th Point Pressure Value	0	0	220	Bar	Pressure value for Twenty Second (22th) point
PE139	Oil Pressure 23th Point Resistance Value	0	0	2300	Ohm	Resistance value for Twenty Third (23th) point
PE140	Oil Pressure 23th Point Pressure Value	0	0	230	Bar	Pressure value for Twenty Third (23th) point
PE141	Oil Pressure 24th Point Resistance Value	0	0	2400	Ohm	Resistance value for Twenty Fourth (24th) point
PE142	Oil Pressure 24th Point Pressure Value	0	0	240	Bar	Pressure value for Twenty Fourth (24th) point
PE143	Oil Pressure 25th Point Resistance Value	0	0	2500	Ohm	Resistance value for Twenty Fifth (25th) point
PE144	Oil Pressure 25th Point Pressure Value	0	0	250	Bar	Pressure value for Twenty Fifth (25th) point
PE145	RPM Measurement Source	0	0	1		This parameter determines the source of RPM measurement. 0: RPM Measurement via Alternator Frequency 1: RPM Measurement via Magnetic Pick-up
PE146	Reserved Parameter	0	0	100		This parameter is reserved and not used.
PE147	Analog Temperature Check	0	0	1		0: Passive 1: Active
PE148	Analog Temperature Failure Class	0	0	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE149	Analog Temperature Failure Delay	0	5	300	Second	When the temperature is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Analog Temperature Failure Alarm.
PE150	Analog Temperature Failure Value	0	90	200	Centigrade	If the temperature is above this upper limit for the time period set by "P149: Analog Temperature Failure Delay", the AMF will display "HIGH TEMPERATURE" on the front panel.
PE151	Analog Temperature Sensor Type	0	0	5		0: Endixsan Type 1: VDO 120 2: Volvo Beru 3: DSQ110GA 4: SMP TH2125 5: User Defined
PE152	Temperature Display Unit	0	0	1		0: Celsius (Centigrade) 1: Fahrenheit
PE153	Number of Points on Temperature Sensor Table	0	0	25		When the "P151: Analog Temperature Sensor Type" = 5, this parameter determines how many points will be set on the settings table.
PE154	Temperature Sensor 1st Point Resistance Value	0	0	1000	Ohm	Resistance value for First (1st) point
PE155	Temperature Sensor 1st Point Temperature Value	0	0	100	Bar	Temperature value for First (1st) point
PE156	Temperature Sensor 2nd Point Resistance Value	0	0	1000	Ohm	Resistance value for Second (2nd) point
PE157	Temperature Sensor 2nd Point Temperature value	0	0	100	Bar	Temperature value for Second (2nd) point
PE158	Temperature Sensor 3rd Point Resistance Value	0	0	1000	Ohm	Resistance value for Third (3rd) point
PE159	Temperature Sensor 3rd Point Temperature value	0	0	100	Bar	Temperature value for Third (3rd) point
PE160	Temperature Sensor 4th Point Resistance Value	0	0	1000	Ohm	Resistance value for Fourth (4th) point
PE161	Temperature Sensor 4th Point Temperature value	0	0	100	Bar	Temperature value for Fourth (4th) point
PE162	Temperature Sensor 5th Point Resistance Value	0	0	1000	Ohm	Resistance value for Fifth (5th) point
PE163	Temperature Sensor 5th Point Temperature value	0	0	100	Bar	Temperature value for Fifth (5th) point
PE164	Temperature Sensor 6th Point Resistance Value	0	0	1000	Ohm	Resistance value for Sixth (6th) point
PE165	Temperature Sensor 6th Point Temperature value	0	0	100	Bar	Temperature value for Sixth (6th) point
PE166	Temperature Sensor 7th Point Resistance Value	0	0	1000	Ohm	Resistance value for Seventh (7th) point
PE167	Temperature Sensor 7th Point Temperature value	0	0	100	Bar	Temperature value for Seventh (7th) point
PE168	Temperature Sensor 8th Point Resistance Value	0	0	1000	Ohm	Resistance value for Eighth (8th) point
PE169	Temperature Sensor 8th Point Temperature value	0	0	100	Bar	Temperature value for Eighth (8th) point
PE170	Temperature Sensor 9th Point Resistance Value	0	0	1000	Ohm	Resistance value for Ninth (9th) point
PE171	Temperature Sensor 9th Point Temperature value	0	0	100	Bar	Temperature value for Ninth (9th) point
PE172	Temperature Sensor 10th Point Resistance Value	0	0	1000	Ohm	Resistance value for Tenth (10th) point
PE173	Temperature Sensor 10th Point Temperature value	0	0	100	Bar	Temperature value for Tenth (10th) point
PE174	Temperature Sensor 11th Point Resistance Value	0	0	1100	Ohm	Resistance value for Eleventh (11th) point
PE175	Temperature Sensor 11th Point Temperature value	0	0	110	Bar	Temperature value for Eleventh (11th) point
PE176	Temperature Sensor 12th Point Resistance Value	0	0	1200	Ohm	Resistance value for Twelfth (12th) point
PE177	Temperature Sensor 12th Point Temperature value	0	0	120	Bar	Temperature value for Twelfth (12th) point
PE178	Temperature Sensor 13th Point Resistance Value	0	0	1300	Ohm	Resistance value for Thirteenth (13th) point
PE179	Temperature Sensor 13th Point Temperature value	0	0	130	Bar	Temperature value for Thirteenth (13th) point
PE180	Temperature Sensor 14th Point Resistance Value	0	0	1400	Ohm	Resistance value for Fourteenth (14th) point
PE181	Temperature Sensor 14th Point Temperature value	0	0	140	Bar	Temperature value for Fourteenth (14th) point
PE182	Temperature Sensor 15th Point Resistance Value	0	0	1500	Ohm	Resistance value for Fiveteenth (15th) point
PE183	Temperature Sensor 15th Point Temperature value	0	0	150	Bar	Temperature value for Fiveteenth (15th) point

PE184	Temperature Sensor 16th Point Resistance Value	0	0	1600	Ohm	Resistance value for Sixteenth (16th) point
PE185	Temperature Sensor 16th Point Temperature value	0	0	160	Bar	Temperature value for Sixteenth (16th) point
PE186	Temperature Sensor 17th Point Resistance Value	0	0	1700	Ohm	Resistance value for Seventeenth (17th) point
PE187	Temperature Sensor 17th Point Temperature value	0	0	170	Bar	Temperature value for Seventeenth (17th) point
PE188	Temperature Sensor 18th Point Resistance Value	0	0	1800	Ohm	Resistance value for Eighteenth (18th) point
PE189	Temperature Sensor 18th Point Temperature value	0	0	180	Bar	Temperature value for Eighteenth (18th) point
PE190	Temperature Sensor 19th Point Resistance Value	0	0	1900	Ohm	Resistance value for Nineteenth (19th) point
PE191	Temperature Sensor 19th Point Temperature value	0	0	190	Bar	Temperature value for Nineteenth (19th) point
PE192	Temperature Sensor 20th Point Resistance Value	0	0	2000	Ohm	Resistance value for Twentieth (20th) point
PE193	Temperature Sensor 20th Point Temperature value	0	0	200	Bar	Temperature value for Twentieth (20th) point
PE194	Temperature Sensor 21th Point Resistance Value	0	0	2100	Ohm	Resistance value for Twenty First (21th) point
PE195	Temperature Sensor 21th Point Temperature value	0	0	210	Bar	Temperature value for Twenty First (21th) point
PE196	Temperature Sensor 22th Point Resistance Value	0	0	2200	Ohm	Resistance value for Twenty Second (22th) point
PE197	Temperature Sensor 22th Point Temperature value	0	0	220	Bar	Temperature value for Twenty Second (22th) point
PE198	Temperature Sensor 23th Point Resistance Value	0	0	2300	Ohm	Resistance value for Twenty Third (23th) point
PE199	Temperature Sensor 23th Point Temperature value	0	0	230	Bar	Temperature value for Twenty Third (23th) point
PE200	Temperature Sensor 24th Point Resistance Value	0	0	2400	Ohm	Resistance value for Twenty Fourth (24th) point
PE201	Temperature Sensor 24th Point Temperature value	0	0	240	Bar	Temperature value for Twenty Fourth (24th) point
PE202	Temperature Sensor 25th Point Resistance Value	0	0	2500	Ohm	Resistance value for Twenty Fifth (25th) point
PE203	Temperature Sensor 25th Point Temperature value	0	0	250	Bar	Temperature value for Twenty Fifth (25th) point
PE204	Reserved Parameter	0	0	1000		This parameter is reserved and not used.
PE205	Reserved Parameter	0	0	100		This parameter is reserved and not used.
PE206	Digital Input 1 Function	0	1	20		0: Not Used 1: Oil Pressure Switch 2: Water Temperature Switch 3: Coolant Level Switch 4: External Alarm Input 1 5: External Alarm Input 2 6: External Alarm Input 3 7: External Alarm Input 4 8: External Alarm Input 5 9: Mains Exists 10: Remote Disabled 11: Alarm Check Disable 12: Emergency Stop 13: Remote Start 14: GCB Contact Feedback 15: MCB Contact Feedback 16: GCB Disabled 17: MCB Disabled 18: Earthquake Sensor 19: Panel Key Lock 20: No Mains
PE207	Digital Input 1 Failure Class	0	4	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F <b>!Caution: This alarm is only active when the related Digital Input Function has been assigned as an alarm.</b>
PE208	Digital Input 1 Activation Delay	1	3	300		If the input function is set as an alarm, the AMF will wait for the time period set by this parameter before indicating the alarm when the input is activated.
PE209	Digital Input 1 Failure Auto-acknowledge	0	0	1		If the function of the input is set as an alarm, 0: Passive 1: Active
PE210	Digital Input 1 Polarite	0	0	1		0: Normally Closed 1: Normally Open
PE211	Digital Input 1 Protection Function	0	2	2		0: Disabled 1: Protection is enabled after running feedback is detected 2: Protection is enabled after running feedback is detected and the input is one of the running feedbacks (Only when "P206: Digital Input 1 Function" = 1) <b>!Caution: This alarm is only active when the related Digital Input Function has been assigned as an alarm.</b>
PE212	Digital Input 2 Functions	0	2	20		Refer to "P206: Digital Input 1 Function"
PE213	Digital Input 2 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE214	Digital Input 2 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE215	Digital Input 2 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE216	Digital Input 2 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE217	Digital Inputs 2 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE218	Digital Input 3 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE219	Digital Input 3 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE220	Digital Input 3 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE221	Digital Input 3 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE222	Digital Input 3 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE223	Digital Input 3 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE224	Digital Input 4 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE225	Digital Input 4 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE226	Digital Input 4 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE227	Digital Input 4 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE228	Digital Input 4 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE229	Digital Inputs 4 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE230	Digital Input 5 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE231	Digital Input 5 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"

PE232	Digital Input 5 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE233	Digital Input 5 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE234	Digital Input 5 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE235	Digital Inputs 5 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE236	Digital Input 6 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE237	Digital Input 6 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE238	Digital Input 6 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE239	Digital Input 6 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE240	Digital Input 6 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE241	Digital Input 6 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE242	Digital Input 7 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE243	Digital Input 7 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE244	Digital Input 7 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE245	Digital Input 7 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE246	Digital Input 7 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE247	Digital Input 7 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE248	Digital Input 8 Function	0	2	20		Refer to "P206: Digital Input 1 Function"
PE249	Digital Input 8 Failure Class	0	4	5		Refer to "P207: Digital Input 1 Failure Class"
PE250	Digital Input 8 Activation Delay	1	3	300	Second	Refer to "P208: Digital Input 1 Activation Delay"
PE251	Digital Input 8 Failure Auto-acknowledge	0	0	1		Refer to "P209: Digital Input 1 Failure Auto-acknowledge"
PE252	Digital Input 8 Polarite	0	0	1		Refer to "P210: Digital Input 1 Polarite"
PE253	Digital Inputs 8 Protection Function	0	2	2		Refer to "P211: Digital Input 1 Protection Function"
PE254	Digital Output 1 Function	0	6	14		0: Not Used 1: Engine Running 2: Automatic Ready 3: Mod Selected 4: A,B,C Class Alarm Output 5: D,E,F Class Alarm Output 6: A,B,C,D,E,F Class Alarm Output 7: Pre-heat Output 8: Load on Generator Output 9: Load on Mains Output 10: Fuel Pump Output 11: Unit Selected 12: Louvre Control Output 13: Fuel Solenoid Output 14: Telecom Remote Start
PE255	Digital Output 1 Polarity	0	0	1		0: Normally Closed 1: Normally Open
PE256	Digital Output 2 Function	0	0	14		Refer to "P254: Digital Output 1 Function"
PE257	Digital Output 2 Polarity	0	0	1		Refer to "P255: Digital Output 1 Polarity"
PE258	Digital Output 3 Function	0	0	14		Refer to "P254: Digital Output 1 Function"
PE259	Digital Output 3 Polarity	0	0	1		Refer to "P255: Digital Output 1 Polarity"
PE260	Digital Output 4 Function	0	0	14		Refer to "P254: Digital Output 1 Function"
PE261	Digital Output 4 Polarity	0	0	1		Refer to "P255: Digital Output 1 Polarity"
PE262	Digital Output 5 Function	0	0	14		Refer to "P254: Digital Output 1 Function"
PE263	Digital Output 5 Polarity	0	0	1		Refer to "P255: Digital Output 1 Polarity"
PE264	Digital Input 1 Label			18 digit		Text String for Digital Input 1
PE265	Digital Input 2 Label			18 digit		Text String for Digital Input 2
PE266	Digital Input 3 Label			18 digit		Text String for Digital Input 3
PE267	Digital Input 4 Label			18 digit		Text String for Digital Input 4
PE268	Digital Input 5 Label			18 digit		Text String for Digital Input 5
PE269	Over Current Failure Check	0	0	1		0: Passive 1: Active
PE270	Over Current Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE271	Over Current Failure Delay	0	5	300	Second	When the total measured current is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Over Current Failure Alarm.
PE272	Over Current Failure Value	0	200	1000	Amper	If the total measured current is above this upper limit for the time period set by "P271: Over Current Failure Delay", the AMF will display "OVER CURRENT" on the front panel.
PE273	Over Current Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE274	KW Failure Check	0	0	1		0: Passive 1: Active
PE275	KW Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE276	KW Failure Delay	0	5	300	Second	When the total measured KW is out of the limits, the AMF will wait for the time period set by this parameter before indicating a KW Failure Alarm.
PE277	KW Failure Value	0	200	50000	KW	If the total measured KW is above this upper limit for the time period set by "P276: KW Failure Delay", the AMF will display "HIGH KW FAILURE" on the front panel.
PE278	KW Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE279	KVar Failure Check	0	0	1		0: Passive 1: Active

PE280	KVar Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE281	KVar Failure Delay	0	5	300	Second	When the total measured KVar is out of the limits, the AMF will wait for the time period set by this parameter before indicating a KVar Failure Alarm.
PE282	KVar Failure Value	0	200	50000	KVar	If the total measured KVar is above this upper limit for the time period set by "P281: KVar Failure Delay", the AMF will display "HIGH KVAR FAILURE" on the front panel.
PE283	KVar Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE284	Power Factor Check	0	0	1		0: Passive 1: Active
PE285	Power Factor Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE286	Power Factor Failure Delay	0	5	300	Second	When the total measured Power Factor is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Power Factor Failure Alarm.
PE287	Power Factor Failure Value	0	80	95	Cos Fi	If the total measured Power Factor is above this upper limit for the time period set by "P286: Power Factor Failure Delay", the AMF will display "POW. FACTOR FAILURE" on the front panel.
PE288	Power Factor Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE289	KVA Failure Check	0	0	1		0: Passive 1: Active
PE290	KVA Failure Class	0	3	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE291	KVA Failure Delay	0	5	300	Second	When the total measured KVA is out of the limits, the AMF will wait for the time period set by this parameter before indicating a KVA Failure Alarm.
PE292	KVA Failure Value	0	200	50000	KVA	If the total measured KVA is above this upper limit for the time period set by "P291: KVA Failure Delay", the AMF will display "HIGH KVA FAILURE" on the front panel.
PE293	KVA Failure Auto-acknowledge	0	0	1		0: Passive 1: Active
PE294	Reverse Power Check	0	0	1		0: Passive 1: Active
PE295	Reverse Power Failure Class	0	0	5		0: Class A 1: Class B 2: Class C 3: Class D 4: Class E 5: Class F
PE296	Reverse Power Failure Delay	0	0	300	Second	When the total measured reverse power is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Reverse Power Failure Alarm.
PE297	Reverse Power Failure Value	0	10	1000	KW	If the total measured reverse power is above this upper limit for the time period set by "P296: Reverse Power Failure Delay", the AMF will display "REVERSE POWER" on the front panel.
PE298	Reverse Power Failure Auto-acknowledge	0	0	1		0: Disabled 1: Enabled
PE299	Fuel Level Failure and Shutdown Active	0	0	1		0: Passive 1: Active
PE300	Fuel Pump Output Activation Level	0	20	100	%	If the analog fuel level drops below this level, the digital output assigned as "Fuel Pump Output" will be activated.
PE301	Fuel Pump Output Deactivation Level	0	90	100	%	If the analog fuel level reaches above this level, the output assigned as "Fuel Pump Output" will be deactivated.
PE302	Fuel Level Failure Delay	0	5	300	Second	When the total measured fuel level is out of the limits, the AMF will wait for the time period set by this parameter before indicating a Fuel Level Failure Alarm.
PE303	Fuel Under Level	0	0	100	%	If the fuel level is below this lower limit for the time period set by "P302: Fuel Level Failure Delay", the AMF will display "FUEL LEVEL WARNING" on the front panel.
PE304	Fuel Over Level	0	0	100	%	If the fuel level is above this upper limit for the time period set by "P302: Fuel Level Failure Delay", the AMF will display "FUEL LEVEL WARNING" on the front panel.
PE305	Fuel Level Generator Stop Value	0	10	20	%	If the fuel level is below this lower limit for the time period set by "P302: Fuel Level Failure Delay", the AMF will display "FUEL LEVEL FAILURE" on the front panel.
PE306	Fuel Level Sensor Minimum Resistor Value	0	0	1000	Ohm	The minimum resistor value for the Fuel Level Sensor. (Label Value)
PE307	Fuel Level Sensor Maximum Resistor Value	0	330	1000	Ohm	The maximum resistor value for the Fuel Level Sensor. (Label Value)
PE308	Current Hysteresis Value	0	20	200	Amper	Indicates the hysteresis value of the Current related alarm levels
PE309	KW Hysteresis Value	0	5	50	KW	Indicates the hysteresis value of the KW related alarm levels
PE310	Kvar Hysteresis Value	0	5	50	KVar	Indicates the hysteresis value of the KVar related alarm levels
PE311	KVA Hysteresis Value	0	5	50	KVA	Indicates the hysteresis value of the KVA related alarm levels
PE312	Power Factor Hysteresis Value	0	5	10	Cos Fi	Indicates the hysteresis value of the Power Factor related alarm levels
PE313	Voltage Hysteresis Value	0	10	100	Volt	Indicates the hysteresis value of the Mains and Alternator Voltage related alarm levels
PE314	Frequency Hysteresis Value	1	50	500	Hz	Indicates the hysteresis value of the Mains related alarm levels
PE315	Battery Voltage Hysteresis Value	0	20	100	Volt	Indicates the hysteresis value of the Battery Voltage related alarm levels
PE316	Charge Voltage Hysteresis Value	0	20	100	Volt	Indicates the hysteresis value of the KW related alarm levels
PE317	RPM Hysteresis Value	0	0	100	RPM	Indicates the hysteresis value of the KW related alarm levels
PE318	Reverse Power Hysteresis Value	0	5	20	KW	Indicates the hysteresis value of the KW related alarm levels
PE319	Temperature Hysteresis Value	0	5	20	Centigrade	Indicates the hysteresis value of the KW related alarm levels

PE320	COM1 BPS Value	0	4	6	BPS	0: 1200 Bps 1: 2400 Bps 2: 4800 Bps 3: 9600 Bps 4: 19200 Bps 5: 38400 Bps 6: 57600 Bps
PE321	COM1 Parity Bit	0	0	2		0: No Parity 1: Single Parity 2: Double Parity
PE322	COM1 Stop Bit	0	0	1		0: 1 Stop Bit 1: 2 Stop Bit
PE323	MODBUS Address	0	1	255		MODBUS RTU protocol Slave address
PE324	Maintenance Timer Reset	0	0	2		0: Not Used 1: Reset General Maintenance Timer Value 2: Reset Engine Maintenance Timer Value
PE325	Total Engine Running Hours	0	0	65535	Hour	The Total Engine Running Hours value can be changed via this parameter
PE327	Total Running Hours	0	0	65535	Hour	The Total Unit Running Hours value can be changed via this parameter
PE329	Periodic Engine Maintenance Timer set Value	0	0	65535	Hour	Periodic Engine Maintenance timer can set with this parameter
PE330	Periodic Maintenance Timer Value	0	0	65535	Hour	Periodic Maintenance timer can set with this parameter
PE331	Engine Maintenance Timer Hour Value	0	0	65535	Hour	The hour value of the Engine Maintenance timer can be set with this parameter.
PE332	Engine Maintenance Timer Minute Value	1	0	59	Minute	The minute value of the Engine Maintenance timer can be set with this parameter.
PE333	Maintenance Timer Hour Value	0	0	65535	Hour	The hour value of the Maintenance timer can be set with this parameter.
PE334	Maintenance Timer Minute Value	0	0	59	Minute	The minute value of the Maintenance timer can be set with this parameter.
PE335	Total Engine Running Hours in Minutes	0	3	3	Hour	The total Engine Running Hours timer hour value can be set with this parameter
PE336	Total Running Hours in Minutes	0	0	60	Minute	The total Engine Running Hours timer minute value can be set with this parameter
PE337	Current Input 1 Transformer Primer Ratio	1	1	1000		The primer ratio of the transformer located at the R Phase current input.
PE338	Current Input 1 Transformer Seconder Ratio	1	1	1000		The seconder ratio of the transformer located at the R Phase current input.
PE339	Current Input 2 Transformer Primer Ratio	1	1	1000		The primer ratio of the transformer located at the S Phase current input.
PE340	Current Input 2 Transformer Seconder Ratio	1	1	1000		The seconder ratio of the transformer located at the S Phase current input.
PE341	Current Input 3 Transformer Primer Ratio	1	1	1000		The primer ratio of the transformer located at the T Phase current input.
PE342	Current Input 3 Transformer Seconder Ratio	1	1	1000		The seconder ratio of the transformer located at the T Phase current input.
PE343	Current Input 1 Transformer Phase Difference	0	0	359		The difference between the primer and the seconder in terms of degrees, on the transformer at the R Phase input at 50Hz frequency.
PE344	Current Input 2 Transformer Phase Difference	0	0	359		The difference between the primer and the seconder in terms of degrees, on the transformer at the S Phase input at 50Hz frequency.
PE345	Current Input 3 Transformer Phase Difference	0	0	359		The difference between the primer and the seconder in terms of degrees, on the transformer at the T Phase input at 50Hz frequency.
PE346	R Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE347	S Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE348	T Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE349	R-S Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE350	R-T Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE351	S-T Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE352	U Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE353	V Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE354	W Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE355	U-V Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE356	U-W Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE357	V-W Phase to Phase Voltage Gain Value					Calibration Settings (Set by Factory)
PE358	L1 Current Gain Value					Calibration Settings (Set by Factory)
PE359	L2 Current Gain Value					Calibration Settings (Set by Factory)
PE360	L3 Current Gain Value					Calibration Settings (Set by Factory)
PE361	Battery Voltage Gain Value					Calibration Settings (Set by Factory)
PE362	Charge Voltage Gain Value					Calibration Settings (Set by Factory)
PE363	R Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE364	S Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE365	T Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE366	R-S Phase to Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE367	R-T Phase to Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE368	S-T Phase to Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE369	U Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE370	V Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE371	W Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE372	U-V Phase to Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE373	U-W Phase to Phase Voltage Offset Value					Calibration Settings (Set by Factory)
PE374	V-W Fazdan Faza Gerilim Ofset Deđeri					Calibration Settings (Set by Factory)
PE375	L1 Current Offset Value					Calibration Settings (Set by Factory)
PE376	L2 Current Offset Value					Calibration Settings (Set by Factory)
PE377	L3 Current Offset Value					Calibration Settings (Set by Factory)
PE378	Battery Voltage Offset Value					Calibration Settings (Set by Factory)
PE379	Charge Voltage Offset Value					Calibration Settings (Set by Factory)
PE380	Real Time Clock Year Setting	2008	2008	2099	Year	System real time clock year value.
PE381	Real Time Clock Month Setting	1	1	12	Month	System real time clock month value.
PE382	Real Time Clock Day Setting	1	1	31	Day	System real time clock day value.
PE383	Real Time Clock Hour Setting	0	0	23	Hour	System real time clock hour value.
PE384	Real Time Clock Minute Setting	0	0	59	Minute	System real time clock minute value.
PE385	Real Time Clock Second Setting	0	0	59	Second	System real time clock second value.
PE386	Scheduled Test 1 Active	0	0	2		0: Off 1: Weekly Test 2: Monthly Test

PE387	Scheduled Test 1 Type	0	0	1		0: Off-Load Test 1: On-Load Test
PE388	Scheduled Test 1 Start Month/Week	0	0	31		If "P386-Scheduled Test 1 Active" = 1 then; 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday 7: Sunday If "P386-Scheduled Test 1 Active" = 0 then; any value between 1 through 31 can be entered.
PE389	Scheduled Test 1 Start Hour:Minute	0	0	2359		Test start hour parameter. Enter as "aabb". "aa" = hour "bb"=minute portion.
PE390	Scheduled Test 1 Duration Hour:Minute	0	0	2359		Indicates how long the Test will continue for. Enter as "aabb". "aa" = hour "bb"=minute portion.
PE391	Scheduled Test 2 Active	0	0	1		Refer to "P386: Scheduled Test 1 Active" explanation.
PE392	Scheduled Test 2 Type	0	0	1		Refer to "P387: Scheduled Test 1 Type" explanation.
PE393	Scheduled Test 2 Start Month/Week	0	0	31		Refer to "P388: Scheduled Test 1 Start Month/Week" explanation.
PE394	Scheduled Test 2 Start Hour:Minute	0	0	2359		Refer to "P389: Scheduled Test 1 Start Hour:Minute" explanation.
PE395	Scheduled Test 2 Duration Hour:Minute	0	0	2359		Refer to "P390: Scheduled Test 1 Duration Hour:Minute" explanation.
PE396	Scheduled Test 3 Active	0	0	1		Refer to "P386: Scheduled Test 1 Active" explanation.
PE397	Scheduled Test 3 Type	0	0	1		Refer to "P387: Scheduled Test 1 Type" explanation.
PE398	Scheduled Test 3 Start Month/Week	0	0	31		Refer to "P388: Scheduled Test 1 Start Month/Week" explanation.
PE399	Scheduled Test 3 Start Hour:Minute	0	0	2359		Refer to "P389: Scheduled Test 1 Start Hour:Minute" explanation.
PE400	Scheduled Test 3 Duration Hour:Minute	0	0	2359		Refer to "P390: Scheduled Test 1 Duration Hour:Minute" explanation.
PE401	Scheduled Test 4 Active	0	0	1		Refer to "P386: Scheduled Test 1 Active" explanation.
PE402	Scheduled Test 4 Type	0	0	1		Refer to "P387: Scheduled Test 1 Type" explanation.
PE403	Scheduled Test 4 Start Month/Week	0	0	31		Refer to "P388: Scheduled Test 1 Start Month/Week" explanation.
PE404	Scheduled Test 4 Start Hour:Minute	0	0	2359		Refer to "P389: Scheduled Test 1 Start Hour:Minute" explanation.
PE405	Scheduled Test 4 Duration Hour:Minute	0	0	2359		Refer to "P390: Scheduled Test 1 Duration Hour:Minute" explanation.
PE406	Weekly Operation Program Active	0	0	1		Weekly operation mode is active in the AUTO mode. The active operation hours, in case of mains failure, are set via parameters. 0: Weekly operation program passive. 1: Weekly operation program active.
PE407	Monday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE408	Monday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE409	Tuesday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE410	Tuesday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE411	Wednesday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE412	Wednesday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE413	Thursday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE414	Thursday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE415	Friday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE416	Friday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE417	Saturday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE418	Saturday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE419	Sunday Operation Active Start Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE420	Sunday Operation Active End Time	0	0	2359	Hour:Minute	Enter as "aabb". "aa" = hour "bb"=minute portion.
PE421	GSM Module Active	0	0	1		0: External GSM module passive 1: External GSM module active
PE422	SMS Failure Report Telephone No 1			18 digit		The first telephone number that an SMS will be sent in case of a failure.
PE423	SMS Failure Report Telephone No 2			18 digit		The second telephone number that an SMS will be sent in case of a failure.
PE424	SMS Center Number			18 digit		GSM Service Provider SMS center telephone number.
PE425	SIMCARD Pin Number	0	0	9999		The PIN number for the inserted SIM Card.
PE426	EX. COM BPS Value	0	4	6	BPS	0: 1200 Bps 1: 2400 Bps 2: 4800 Bps 3: 9600 Bps 4: 19200 Bps 5: 38400 Bps 6: 57600 Bps
PE427	EX. COM Parity Bit	0	0	2		0: No Parity 1: Single Parity 2: Double Parity
PE428	EX. COM Stop Bit	0	0	1		0: 1 Stop Bit 1: 2 Stop Bit
PE429	EX. COM Address	0	1	255		MODBUS RTU protocol Slave address