



SEAENERGY

ALTERNATOR PART

Alternator	Mecc Alte	Model	ECP34 1M4C
	Stamford	Model	UCM274E
Frequency	60 Hz - 1.800 rpm		
Voltage	220V	440V	480V
Phases	Triphasic		
Power factor	0.8		
Protection	IP23 (opcional IP44)		
Class - Temp. Rise Stamford	B (70°C)	F (90°C)	H (110°C)
Class - Temp. Rise Mecc Alte	B (80°C)	F (105°C)	H (125°C)
Module droop kit integrated			
Anti Condensation heater			
Marine impregnation			

FUEL CONSUMPTION (PRIME)

	kWm	gal/h	l/h
25%	27.5	2.4	9.1
50%	55	4.3	16.1
75%	82.5	5.9	22.4
100%	110	7.6	28.9
110%	121	8.3	31.6

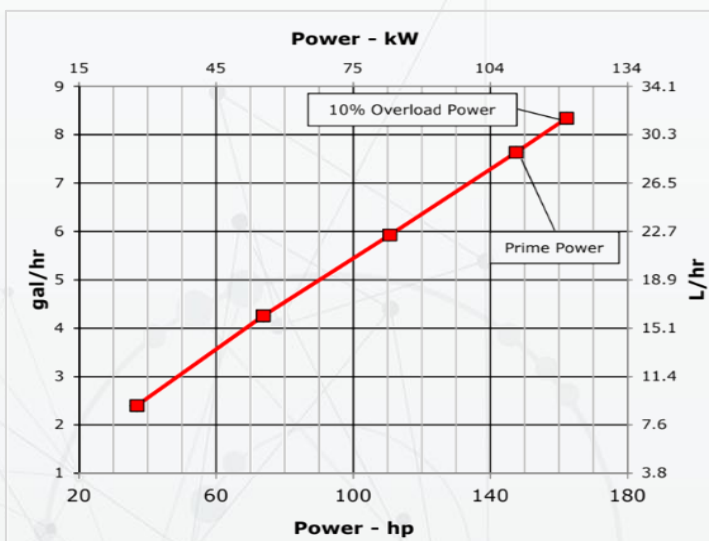
ALTERNATOR PART

EXHASUT	DRY
	WET
ELECTRIC SYSTEM	12V
	24V
COOLING SYSTEM	Heat Exchanger
	Keel Cooled
	Fan-Radiator
Warranty extension	
Double Wall Fuel Lines + Leak Detection	
Number of displays	
Double bearing	



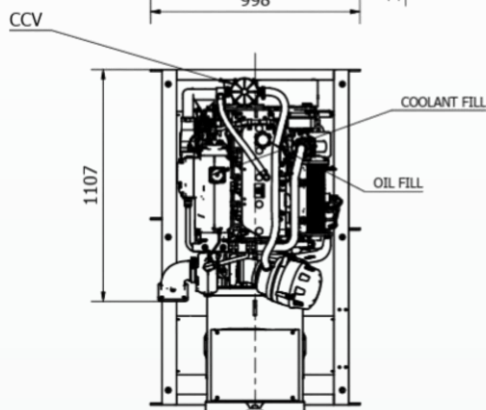
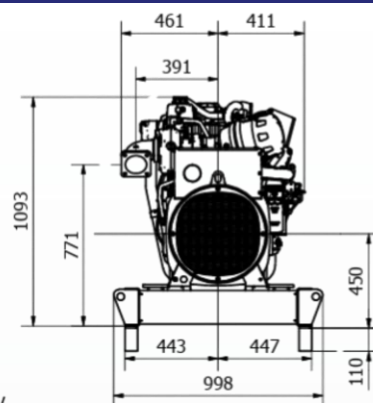
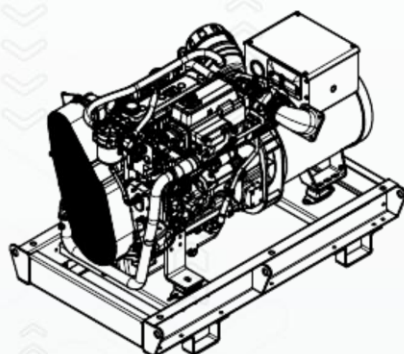
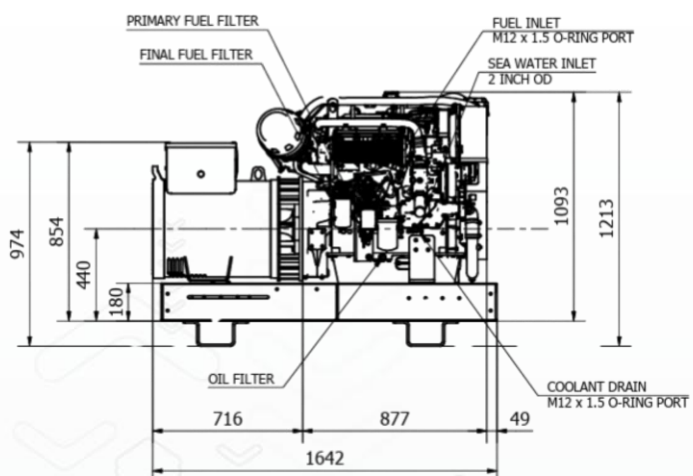
ENGINE PART

Engine:	John Deere	Model	4045AFM85
PRIME Power Rating	110 kWm	99 kWe	124 kVA
Number of cylinders	4 cylinders in line		
Displacement	4.5 liters		
Aspiration:	Turbo with air to coolant		
Governor	Electronic		
Combustion System	High Pressure Common Rail		
Construction: SAE 3 -11.5" - coupled			
Emissions	IMO	TIER II	
	EPA	TIER III	



CLASSIFICATION





Weight: 1000 kg aprox

** Standard measurements, subject to change depending on the project.*

** Measurements and weight may vary due to alternator selection.*

REFERENCE CONDITIONS

- Rated speed and power
- Gross power guaranteed within +/- 5 % at SAE J1995 and ISO 3046
- 10% overload capability and conforms to ISO 8528 Prime Power
- Under J1995 and ISO 1346 conditions

PANELS

IntelliLite 4 AMF 8



- Single gen-set controller plus screen for stand-by and prime power applications.
- Intuitive, flexible, easy to install and use.
- Best solution for controlling and monitoring engine and alternator parameters.
- Able to add a remote element
- Unable to share load nor synchronize
- Non marine certification

IntelliDrive / DCU Marine



- Reliable engine controller.
- DCU Marine is developed specifically for Marine engines.
- Enable to control and protect your diesel engine, on-site or remotely.
- DCU Marine is compliant with certifications
- Control CAN-BUS / MOD-BUS
- Best solution if vessel has a PMS

IntelliGen 1000 MARINE



- For stand-by and prime power applications
- Multiple gen-set controller without screen.
- Read all engine and alternator parameters
- Able to share load and synchronize
- Able to add a multiple remote element
- Need a screen
- It can work like PMS

Intellivision 5.2 Marine



- Need a controller to monitor
- Intuitive navigation
- Simple installation & configuration
- Colour display
- Comprehensive data overview
- Plug&play solution
- Display marine certified

