



# 6 M26.2 Marine Generator Set

Model	Injection	Speed control	Cylinder configuration	Bore/stroke (mm)	Displacement (l)
6 M26.2	Mechanical	Electronic	6 in line	150X150	15.90



## Customer benefits

- Genuine marine design** with simple solutions, easy routine maintenance, engine block inspection hatches
- Global environment care** with low exhaust emissions and controlled fuel consumption at any running cycle
- Simple technology with mechanical injection**
- Life cycle cost efficiency** with extended mean time between overhauls (MBTO)

## Rating table

Rating	Frequency	RPM	kWm	kWe	kVA
PRP	50 Hz	1500	360	340	425
PRP	50 Hz	1500	385	364	455
PRP	50 Hz	1500	440	416	520
PRP	60 Hz	1800	403	380	475
PRP	60 Hz	1800	460	436	545

## Prime running power (PRP)

- Variable load with mean power calculated on 250 running hours
- No restriction on use if mean power  $\leq 75\%$  of nominal power
- Total operating time at 100% nominal power shall not exceed 500 hours per year
- 10% overload available 1 hour each 12 hours

## Power definition

Standard ISO 3046/1 - 1995 (F)

## Reference conditions

Ambient temperature	25 °C / 77 °F
Barometric pressure	100 kPa
Relative humidity	30%
Raw water temperature	25 °C / 77 °F

## Fuel oil

Relative density	0,840 $\pm$ 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	$\pm$ 5%
Air inlet limit temperature	35 °C / 95 °F

## Emissions

IMOTier II

## Standard equipment

### Engine and block

Cast iron cylinder block, with replaceable cylinder liners  
 Separate cast iron cylinder heads  
 Replaceable valves guides and seats  
 Steel forged crankshaft with 7 bearings  
 Light alloy piston with 3 high performance piston rings

### Cooling system

Fresh / raw water heat exchanger with integrated thermostatic valves and expansion tank  
 Cast iron centrifugal fresh water pump, mechanically driven  
 Bronze self-priming raw water pump, mechanically driven

### Lubrication system

Full flow screwable oil filters  
 Fresh water cooled lube oil cooler

### Fuel System

In line injection pump with flanged electronic speed governor  
 Double wall injection bundle  
 Duplex fuel filters

### Intake air and exhaust system

Fresh water cooled exhaust gas manifold  
 Fresh water cooled turbo blower

### Electrical system

Voltage 24Vdc  
 Electrical starter on flywheel crown

### Generator

- 50/60Hz Frequency, 4 Pole
- Insulation / Heating Class H/H
- Electronic voltage regulation
- Brushless excitation
- IP23 Protection, Marine impregnation
- Single bearing

## Specific fuel consumption

Frequency	PRP				75% PRP			50% PRP		
	kWe	kWm	g/kWh	l/h	kWm	g/kWh	l/h	kWm	g/kWh	l/h
50 Hz	340	360	202	86	270	201	66	180	210	45
50 Hz	364	385	200	91	289	200	68	193	208	47
50 Hz	416	440	200	104	330	200	78	220	203	53
60 Hz	380	403	206	98	302	206	74	202	215	51
60 Hz	436	460	205	112	345	205	84	230	210	57

## Dimensions and dry weight (mm / kg)

A	B	C	Weight
3070	1370	1450	3300

