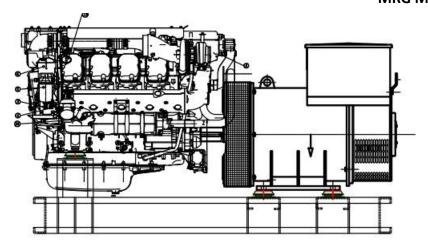


#### **Marine Genset**

MRG MTS-847 1500 RPM MRG MTS-988 1800 RPM



#### **Standart Features**

- Advanced digital electronic control providing safety stop switch
- Remote start/stop plug-in connection
- Electronic governing
- Safety shut-downs: overspeed, low oil pressure and high coolant temperature
- Water cooled exhaust mixing elbow
- Freshwater cooling system with heat exchanger, expansion tank
- Gear driven raw water pump
- Anti-vibration mounts fail safe rubber type

### **Engine Features**

The Diesel Engine demonstrates a superior applicability for marine gensets. It has the best level of sound attenuation in its class, achieved by the optimal design of the fuel system and the thorough structural analysis of each component.

## **Alternator Features**

The alternator is designed to be suitable for typical generator marine applications. Standard winding protection for clean environments with relative humidity  $\leq$  95 %, including indoor marine environments.

#### **Electrical Characteristics**

	50 Hz	60 Hz
Voltage (V)	380	480
KW	678	790
RPM	1500	1800



#### **Marine Genset**

MRG MTS-847 1500 RPM MRG MTS-988 1800 RPM

## **Engine Details: MITSUBISHI S6R2**

Engine Type	4-stroke,diesel	
Cylinder Configuration	V 12	
Bore x Stroke (mm)	150 x 160	
Total Displacement (It)	34	
Aspiration	Turbocharged	
Dry Weight (kg)	3620	
Cooling System	water-cooled	
Combustion System	indirect injection	
Fuel Injection System	High pressure common rail	
Flywheel and housing	SAE 0	

## **Alternator Details:**

Insulation class	Н
Winding pitch	2/3 (wdg 6)
Phase	3 ph.
Number of wires	12
Protection	IP23
Altitude	≤ 1000 m
Weight	1620 kg

Fuel Consumption	1500 rpm	1800 rpm
%100 load (g/PSh)	150	160

## **Control & Monitoring**

- Comap Intelidrive dcu marine specialized for marine applications, provide control, monitoring and protection
- Direct communication with electronic control units
- Reductant architecture : main unit + backcup module
- Tier 4 final + stage 5 control and visualization
- Remote monitoring cia modbus, Tcp/ip, airgate
- Communication capabilities including RS232, RS485, modem vs
- Power supply range 8-36 V DC



# **Generator Weights and Dimensions**

Weight ( kg )	6400
Length ( mm )	3850
Width ( mm )	1700
Height ( mm )	2200