Diesel Inverter Marine Generator

SLEEPER H-MG10i

Thanks to the PMG inverter technology, the Sleeper generator H-MG10i is possible to be made into the smallest, quietest and most powerful of its kind. It delivers the ideal power quality for all on-board appliances such as air-conditioning system, washing machine, cooking devices, battery charging and other AC powered devices. The sleeper generators are 100% water-cooled and equipped with the highly regarded sound insulation. They are specially designed to be light and compact, up to 30% weight and space savings.

Product features

- Reliable Kubota 3 cylinder water-cooled diesel engine ensure product reliability
- High efficient water-cooled permanent magnet alternator technology
- Extremely compact size and light weight for installation
- Extremely silent by aluminum composite material cabinet
- Virtually vibration free
- Outstanding voltage stability and pure sines wave are ideal for sensitive electronics
- Inverter technology saves fuel about 30% and environmentally friendly
- Local and remote digital display control panel with highly intelligent multi-function protection
- Parallel technology enables more power and cost saving

SLEEPER

Light | Small | Compact | Quiet

www.sleeper-generator.com

H-MG10i

81023050 230 V / 50 Hz	81023060 230 V / 60 Hz
81012050 120 V / 50 Hz	81012060 120 V / 60 Hz

MAIN SPECIFICATIONS

Nominal voltage(V)	230 / 120
Frequency(Hz)	50 / 60
Number of phases	1
Intermittent power	8.6kW / 10.8kVA
Continuous power	8kW / 10kVA
Noise(dBa/7m)	51
Rpm range	2200 - 3000, adjustable
Cooling system	Heat exchanger
Harmonic distortion	≤3%
Frequency stability	±0.1%
Alternator technology	Water-cooled, Brushless, Permanent Magnet
Generator control	PMG Inverter
Inverter (with DDC local)	PMGi 10
Control Panel	Digital Display Control（DDC local + DDC remote）

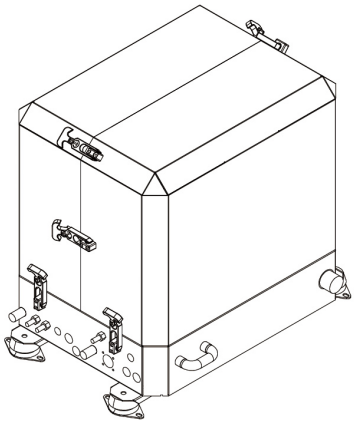
DIESEL ENGINE SPECIFICATIONS

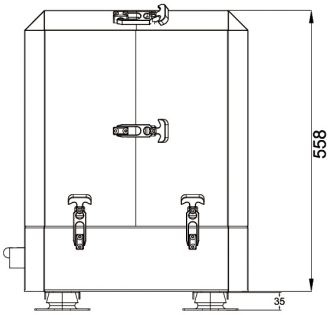
Engine model	Kubota D722
Engine power output	12.4kW / 3000rpm
Cylinder	3
Displacement(cc)	719
Bore x stroke（mm）	67 x 68
Fuel consumption	1.5 - 3
Start battery capacity	12VDC / 80Ah
Starter battery charge method/ current	Alternator 12 V /14A
Lubricant	At least CF
Oil capacity(L)	3.8

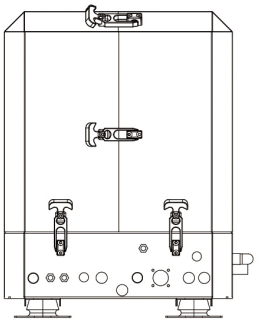
DIMENSIONS & WEIGHT

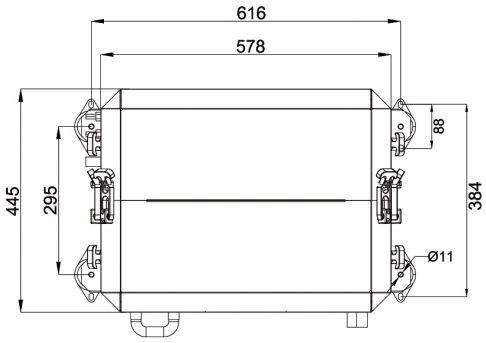
Cabinet dimensions（LxWxH)	578 x 445 x 558 mm
Cabinet weight	138 kg
Water inlet hose	Ø19mm
Exhaust hose	Ø40mm
Fuel Hose	Ø 8mm
Siphon breaker	Ø19mm

Dimensions









STANDARD ACCESSORIES	
1.Remote control panel with 15m cable	2. PMG Inverter
3. Waterlock with 2m exhaust hose	4. Expansion tank with 2m water hose
5.Electric fuel pump	6. Fuel-water separator
7.Syphon breaker	8. Seawater filter
9.Non-return valve	10.Clamps and screws
11.User's manual	

Generator Control Panel GEC4500

The GEC4500 series controller provides remote start/stop and advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

General Description:

- Overall Dimension： 152 x 100 x 84.7mm
- Panel Cutout： 116 x 90mm
- Weight: 320g
- Voltage supply: 8V - 35V
- Operating temperature: -25+70 ºC
- RS485, CAN bus output with SAEJ1939 protocol

Generator Control Panel

Digital Display Information:

- Voltage (V)
- Frequency (Hz)
- Current (A)
- Power (kW)
- Oil Pressure(bar)
- Coolant Temperature (ºC)
- Battery Voltage (V)
- RPM
- Fuel level
- Running hours
- History log

Alarm:

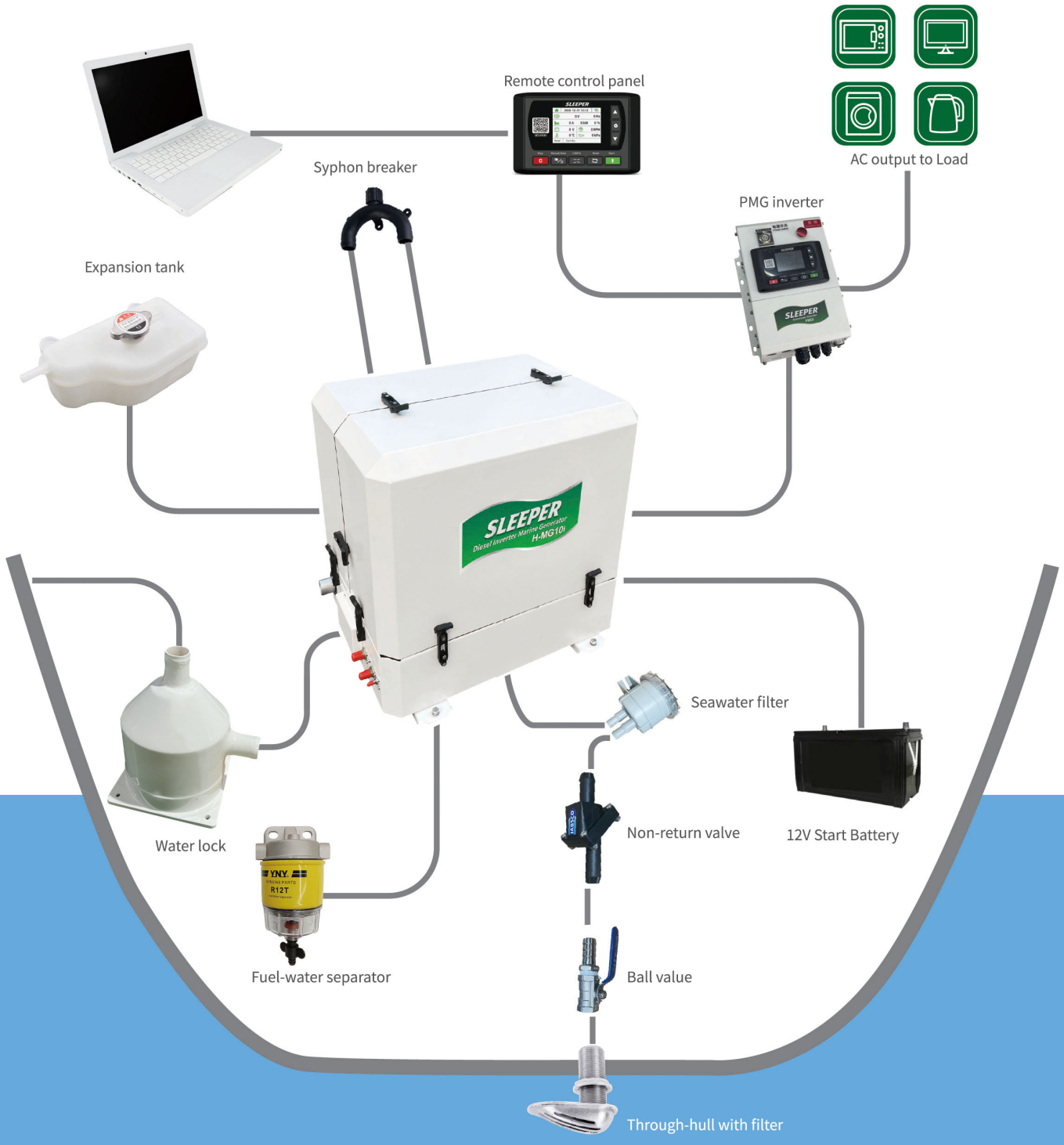
- High temperature
- Over speed
- Over load
- Over current
- Short circuit
- Low oil pressure
- Over/Under voltage
- Over/Under frequency
- Emergency stop

Warnings

- Over/Under battery voltage
- Maintenance request

Installation system

This diagram showcases a complete view of necessary installation facilities for a single Sleeper generator. We highly recommend our respectful users to exclusively employ the facilities originally offered by us.



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