

Diesel Inverter Marine Generator

SLEEPER H-MG8i

Thanks to the PMG inverter technology, the Sleeper generator H-MG8i 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 2 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



Light | Small | Compact | Quiet

www.sleeper-generator.com

H-MG8i

| | | | |
|----------|---------------|----------|---------------|
| 80823050 | 230 V / 50 Hz | 80823060 | 230 V / 60 Hz |
| 80812050 | 120 V / 50 Hz | 80812060 | 120 V / 60 Hz |

MAIN SPECIFICATIONS

| | |
|---------------------------|--|
| Nominal voltage(V) | 230 / 120 |
| Frequency(Hz) | 50 / 60 |
| Number of phases | 1 |
| Intermittent power | 6.4kW / 8kVA |
| Continuous power | 6kW / 7.5kVA |
| 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 8 |
| Control Panel | Digital Display Control (DDC local + DDC remote) |

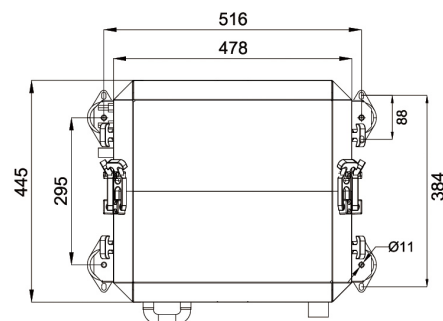
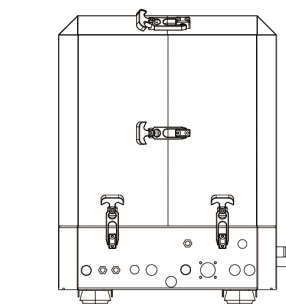
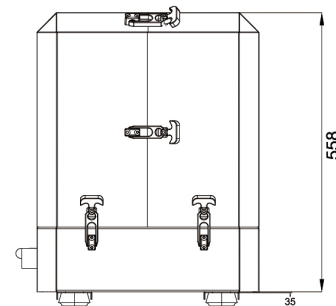
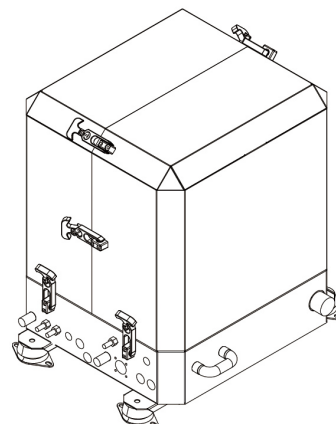
DIESEL ENGINE SPECIFICATIONS

| | |
|--|--------------------|
| Engine model | Kubota Z482 |
| Engine power output | 8.3kW / 3000rpm |
| Cylinder | 2 |
| Displacement(cc) | 479 |
| Bore x stroke (mm) | 67 × 68 |
| Fuel consumption | 1.5 - 2.5 |
| Start battery capacity | 12VDC / 80Ah |
| Starter battery charge method/ current | Alternator 12V/14A |
| Lubricant | At least CF |
| Oil capacity(L) | 2.5 |

DIMENSIONS & WEIGHT

| | |
|----------------------------|--------------------|
| Cabinet dimensions (LxWxH) | 478 x 445 x 558 mm |
| Cabinet weight | 111 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 °C
- RS485, CAN bus output with SAEJ1939 protocol

Digital Display Information:

- Voltage (V)
- Frequency (Hz)
- Current (A)
- Power (kW)
- Oil Pressure(bar)
- Coolant Temperature (°C)
- 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

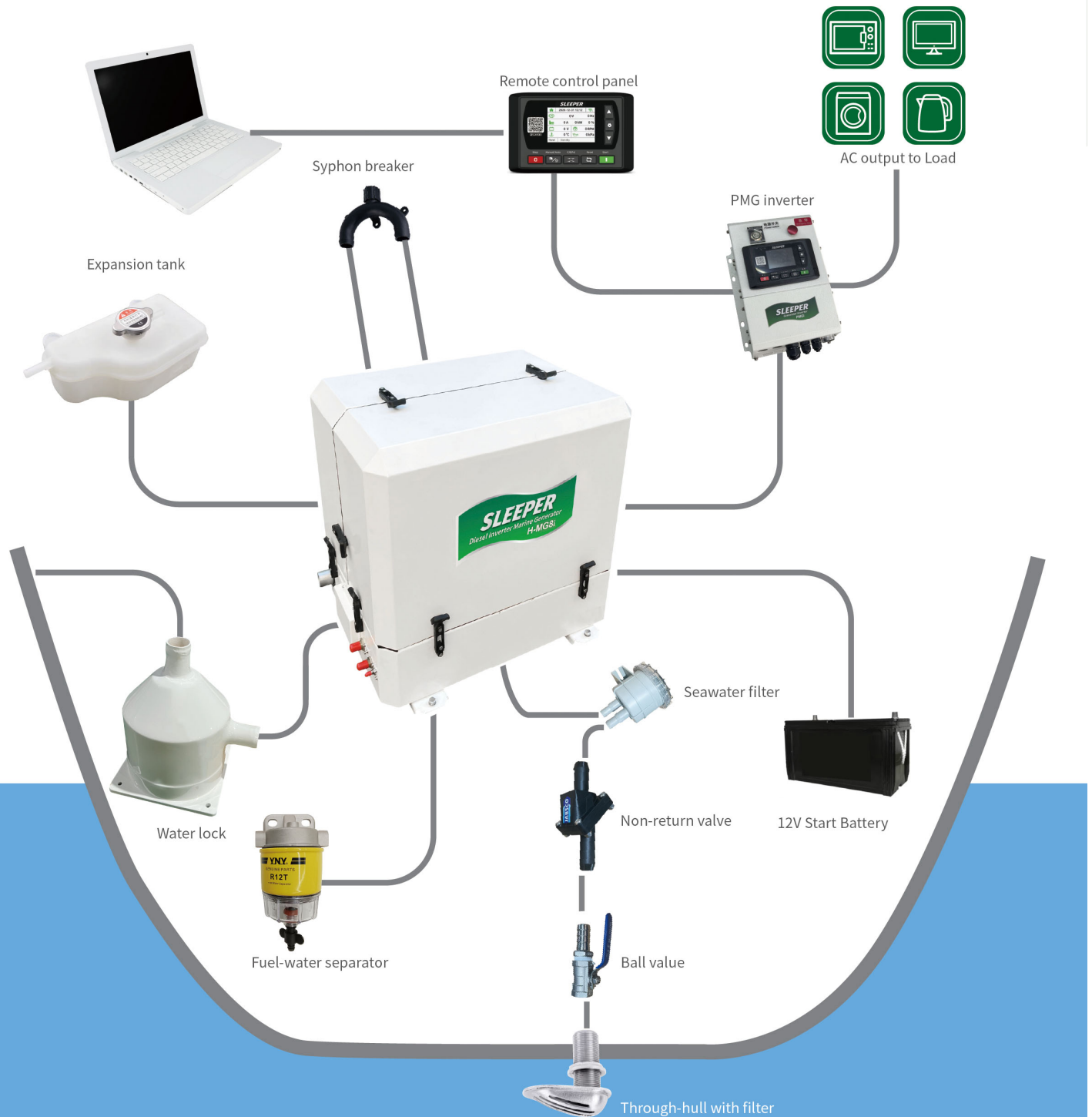
- Over/Under battery voltage
- Maintenance request



Generator Control Panel

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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