



CBU control panel (Mod-Bus transmission Unit)

New design, latest technology, big display and soft touch buttons for quick menu navigation, start and stop procedure, IP54 protection grade.

Very compact MASTER CBU 93x93mm (3.66x3.66 in). CBU has many functions for easy monitoring of the generator:

- ON/OFF/START/STOP/MENU controls.
- Digital hour-meter, Output voltage, Generator Battery voltage, external battery pack voltage, Frequency, Service time, Event list of last 10 alarms and time.
- 13 different alarms icons displayed.
- 485 Mod-Bus connector for monitoring generator by boat main control monitor.

Engine

- Easy access in case of maintenance to the feeding system and lubrication, of the sea/water pump and the air filter.
- Safety stop in case of low oil pressure.
- Safety stop in case high water/exhaust gas temperature.
- Oil and fuel filters of easy access.

Alternator

- Synchronous, 4 poles, brush less self-excited, electronic voltage regulator (AVR)
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

Engine

| | |
|-------------------------------------|------------------------|
| Model | Perkins 1104A 44 TG1 |
| Type | Diesel 4 stroke |
| Cylinders (nr.) | 4 |
| Cylinder block material | Cast iron |
| Bore (mm - in.) | 105 - 4,13 |
| Stroke (mm - in.) | 127 - 5,00 |
| Displacement (cc - cu.in.) | 4400 - 268,5 |
| Power (hp) | 86,2 |
| Rated rpm | 1500 |
| Aspiration | Turbo |
| Combustion system | Direct |
| Engine head material | Cast iron |
| Speed governor | Centrifugal mechanical |
| Lubrication system | Forced |
| Oil sump capacity (L - qt.) | 8 - 8,5 |
| Engine stop system | Stop solenoid |
| Fuel pump | Electric |
| Fuel pump discharge (cm - in.) | 160 - 63,0 |
| Full load consumption (L/h - gal/h) | 14,8 - 3,9 |
| Starting battery (Ah-V) | 80 - 12 |
| Battery charger (Ah-V) | 40 - 12 |
| Starter (V) | 12 |
| Max. inclination | 30° |
| Water pump flow (L/min - gal/min) | 86 - 22,7 |

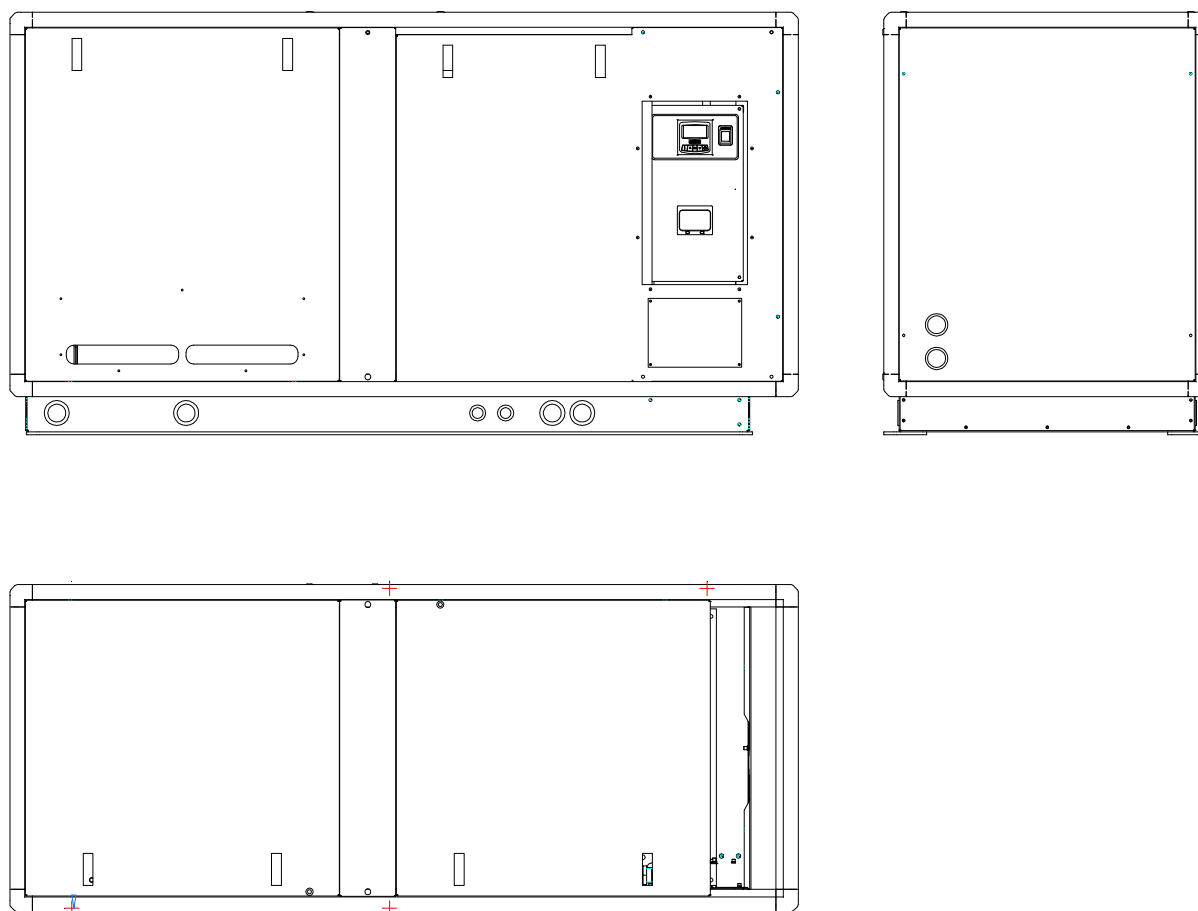
Alternator

| | |
|----------------------------|---|
| Type | 3 phase, synchronous, 4-poles, self-excited |
| Cooling | Air |
| Voltage (V) | 400 |
| Frequency (Hz) | 50 |
| Max current (A) | 104 |
| Max. power (kVA) | 72 |
| Continuous power (kVA) | 65 |
| Power factor (cos ϕ) | 0,8 |
| Insulating class | H |
| Voltage regulator | Electronic |
| Ripple | $\pm 2\%$ |
| Frequency stability | $\pm 5\%$ |

Cooling system

The cooling of the engine is based on a closed inner flow of coolant. The system is based on a cupronickel heat exchanger seawater/coolant type, where the thermal exchange occurs between coolant and seawater. Two separate pumps contribute to the flow of the coolant and the sea water.

Dimensioni (Lung. x Larg. x Alt.) 1860 x 830 x 1040mm (con cassa insonorizzante)
Peso 1100 kg (con cassa insonorizzante)
Rumorosità 58 dB_A @ 7mt



FITTINGS (optional)

- EXHAUST COMPONENTS KIT
- SIPHON BREAK
- WATER-GAS SEPARATOR KIT
- STARTING REMOTE CONTROL PANEL WITH A SHIELD CONNECTING CABLE 10 Mt. (32.8 ft) LONG
OR
- SLAVE CBU CONTROL PANEL WITH A SHIELD CONNECTING CABLE 10 Mt. (32.8 ft) LONG

*This drawing is only a reference and is not indicated for the installation. For more information, you may contact your local dealer or **GENSET** S.p.A..*

GENSET S.p.A. reserves the right to change the design or specifications without notice and without any obligations or liability whatsoever. For more information, you may contact your local **GENSET** dealer.

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