

VOYAGER 15i

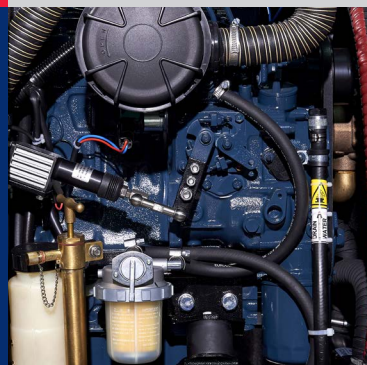


stage5V

CBU control module



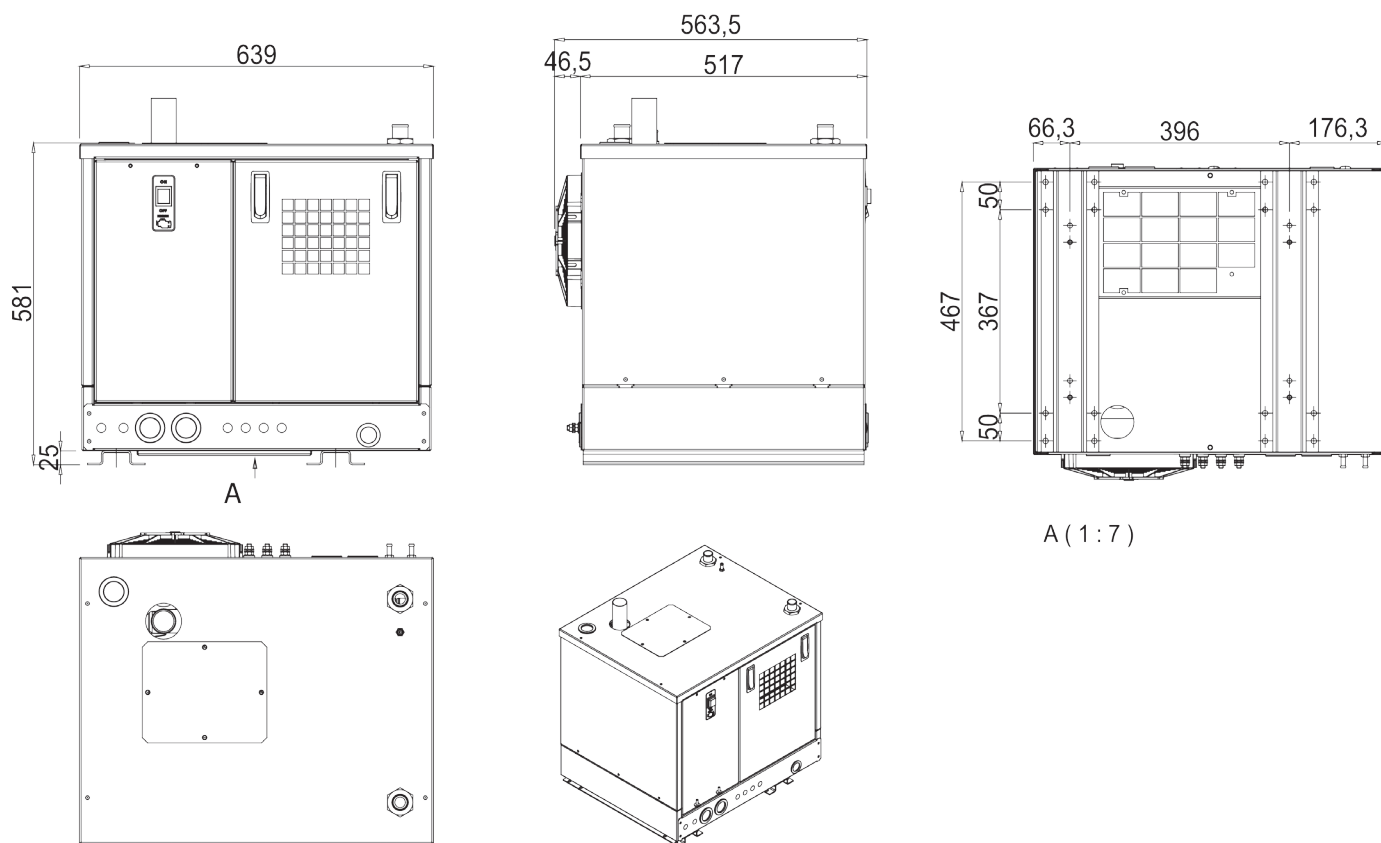
Variable speed Kubota engine



ON/OFF switch



Unit of measure: mm



We reserve the right to change data, images and drawings without notice.
For more information, you may contact your local dealer or Mase Generators S.p.A.

Mase Generators spa

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mase
GENERATORS
Believing in change.

Description

- Vehicular power generator
- 50/60 Hz
- Super silenced version
- Variable speed Diesel engine

Standard Features

- CBU control module (Mod-Bus transmission unit):
- Display and micro buttons for quick navigation of menu, start and stop procedures
- Degree of protection IP54
- Compact size: 93x93mm (3.66x3.66 in)
- With multiple functions for a complete monitoring of the generator set: ON/OFF/
- START/STOP/MENU commands, digital hour meter, output voltage, battery voltage, external battery pack voltage, frequency, maintenance interval, list of the last 10 alarms with time
- 13 alarm icons can be displayed
- 485 Mod-Bus connector for remote monitoring of the group

Accessories on request

- Remote CBU panel with 10 mt (32.8 ft) shielded cable

Noise level

- 64 dBA @ 7mt

AC generator 50/60Hz

- Type: Permanent magnets (PMG)
- Cooling: Air/water (Intercooler W/A)
- Voltage: 230/240 V
- Frequency: 50/60 Hz
- Continuous power: 13.5 kW
- Maximum power: 14 kW
- Power Factor: $\cos \phi$ 0,8
- Insulation class: H
- Voltage stability: $\pm 1\%$
- Frequency stability: $\pm 1\%$

Variable speed Diesel Engine

- Type: Kubota D902 - 3 cyl. - 18 hp (13,4 kWm) - 898 cm³
- Rated rpm: 2150 to 3600
- Cylinder block material: Cast iron
- Bore: 72 mm
- Stroke: 73,6 mm
- Injection system: Indirect
- Head material: Cast iron
- Speed governor: Electronic with actuator
- Lubrication system: Forced
- Oil sump capacity: 3,8 lt
- Engine stop system: Electromagnet
- Fuel pump: Electric
- Max. head of fuel pump: 70 cm
- Easy access in case of maintenance of feeding system, lubrication system, sea/water pump and air filter
- Safety stop in case of low oil pressure
- Safety stop in case high engine temperature
- Oil filter and fuel filter easy to replace

Other features

- Ambient temperature: 40 °C (*)
- Altitude: 1000 mt (*)
- Dimensions (L x W x H): 639 x 517 x 581 mm
- Dry weight: 320 kg
- Starting battery: 45-12 Ah-V
- Battery charger: 150-12 W-V
- Starter: 1,2-12 kW-V
- Max inclination: 30°
- Soundproof cabin made of extremely light marine aluminum with very high resistance to external agents. Low weight and easy accessibility to the inner cabin in case of maintenance services.
- The engine is cooled by coolant in a closed circuit. The system is composed of a water/air exchanger, inside which the heat exchange between coolant and air takes place.
- The cooling of the indoor air is based on an electric fan. The flows generated guarantee an effective cooling of the alternator and the achievement of optimal temperatures for performance and reliability of the group.

(*) - For altitude and temperature values other than those listed above, please consult the manufacturer to verify the available power.