



GALAXY - VM rental solutions



Visa has over thirty years' experience in design, manufacture and supply of generators for hire markets within Europe, the Middle East and Africa and has used this experience to develop a new range of extremely robust generators, specifically designed for mobile use.

All generators manufactured comply with the latest EU standards for noise and exhaust emissions. All gensets in this range are certified **2000/14/CE** for acoustic emissions and have high heat exchange performance and ample access for both the end user and maintenance technician.

To reach these high standards, a range of stage IIIA engines was introduced according to directive **97/68 / CE** currently in force. The units **range up to 300 kVA** using constructive solutions and different setups depending on the size.



GALAXY - VM mechanical features

1- The **lifting hook** is incorporated in the canopy for the best result in minimal space, lifting plates are removable for ease of maintenance and height reduction and have multiple hook positions to allow balanced lifting.

2- Galvanised **sound attenuated enclosures**. Long lasting, durable enclosure with excellent sound reduction for residential areas. Sound attenuation using high-density rock wool and synthetic fibers; polyester fiber with low wear and tear and easier maintenance. Moreover, polyester fiber allows a more pleasant aesthetic result.

3- Adjustable **cam latches**, ensure aligned sealed fitting.

4- High quality **sealed joints** to prevent water ingress and reduce noise emission.

5- Multi-stage spark arresting compact **silencer** able to reduce noise without exceeding the maximum allowable engine back pressure. Equipped with **raincap**.

6- **Enclosure roof** made with a single steel sheet to prevent water penetration.

7- High temperature vulnerable parts are **heat shielded**.



GALAXY - VM mechanical devices

8- **Joints** to block the door in the open position.

9- Reinforced **steel baseframe** feet for heavy wear and tear. **Side pockets** to be handled with forklift; the pockets are closed at the bottom in order to prevent tipping and are raised in the center to prevent water stagnation.

10- **Hooks** on the sled baseframe for pulling.

11*- The integrated fuel tank is equipped with **2 inspection plugs** that make the cleaning and maintenance operations easier.

12- Lube oil **drain pump**.

13- 1000W **pre-heaters** fitted as standard, larger circulatory heaters are available as an optional extra.

14- Fuel feed and returns pass through **3-way valves** to allow change over from the set base tank to a possible external bulk tank.

* (opzionale - optional - optional - option - дополнительное оборудование - opcional)





GALAXY - VM management devices

15* - **Low lube** oil level shutdown "MURPHY".

16- High quality **4 Pole breaker** with earth **leakage protection**. Accessible inside the power cubicle at the rear of the canopy. Suitably rated with thermal and magnetic overloads.

17- The units are equipped with **low resistance OPTIMA batteries**. These batteries allow great performance on starting currents and are very compact in size. Standard supply includes a battery isolator which allows the battery to be disconnected when the generating set is not in use, avoiding unnecessary discharge.

18- Easy to access robust and ample **bus bars** to facilitate cable connection.

19- Bus Bars **plexiglass integral protection** to prevent accidental contacts with electrical parts.

20* - **Fuel-water separator filter**. This filter is provided with its by-pass valve (optional).

21* - **Quick-fit plug** for external auxiliary electrical systems.

22- **Battery charger**.

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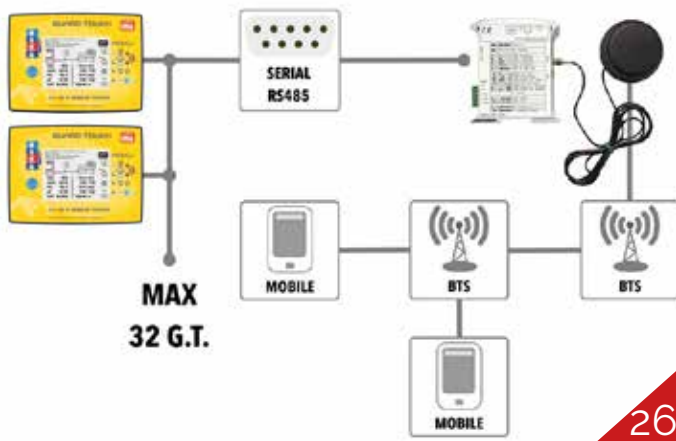
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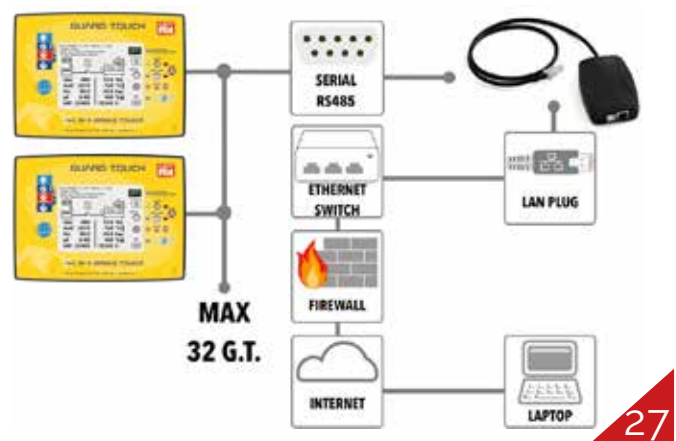
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GALAXY - VM management devices

23- **Guard Touch control panel**, a user-friendly and versatile device, with an avant-garde interface, capable of interacting directly with the MODbus and CANbus protocols.

24- Wide range of **optional control panels** including "InteliVision 5" utility back sync option and ATS changeover switch panels.

25- The **large space in the control panel** allows to have different possibilities in terms of power accessories, including: socket kit (tailor made solutions on customer's request); quick release fittings (power-lock type); change-over system between the Mains and the genset complete with connection bars. These options are available depending on the power and on the control panel's version.

26- The Guard Touch can be connected to optional control and monitoring solutions via web. It is a flexible means of data transmission via USB, Ethernet or GSM-GPRS. The module will work up to 1 KM from the Guard Touch controller. The **GSM-GPRS modem** is a flexible tool designed for the remote management of the generating sets and allows to control these via multiple channels.

27- The Guard Touch can be connected to an optional **MODBus RTU RS485** network. It monitors, programmes and controls the generating set directly from a local PC or remotely through special software via serial port, **LAN, Internet or SMS**. The interface used is a **RS485 two-wire**. Up to 32 generating sets can be monitored on a single RS485 bus. This device requires optional software and cables.

