AGT 33 DSEA
THREE PHASE DIESEL GENSET

Voltage:	400V / 50 Hz
Power factor:	0.8
Max. power:	33.0 kVA
Speed:	1.500 rpm
Engine:	diesel, 4 cylinders, liquid cool
Engine power:	44 HP
Displacement:	3875 cm ^{3}
Fuel:	diesel
Alternator:	synchronous, AVR, brushless
Fuel tank capacity:	80 l
Authonomy:	11.5 h at 30 kVA load
Starting system:	electric
Protection degree:	IP 23
Overall dimensions:	2050mm × 1000mm × 1255mm
Weight:	970 kg

Standard equippment:

- HGM420 controller
- AVR alternator
- Electric starter, battery and charger
- Protection at overload, short circuit, low oil pressure and high temperature.
- Protection door with lock and glass for controllers and magnethotermal switches
- Emmergency switch

Optional:

- glow plugs
- ATS automatic panel with 4 poles contactors, with mechanical and electrical interlocking and mattery maintenance charger.
- preheating.

HGM 4020N

The HGM 4020N controller has all features necessary to command and protect the generating sets:

- **Protection functions** for engine and alternator with automatic stop of the genset in case of an alarm like oil pressure too low, engine overtemperature, low fuel level, too high or too low engine speed, too low or too high genset voltage, overload aso.

- **Digital measurments** of voltage, current, frequency, power, battery voltage, hour meter shown on a LCD display 132x64.

- **Surveying the electrical network** (single phase or three phase) and start/stop automatically the genset while the voltage of the network it is or not in the selected treshold values.

- **Function for automatic testing**
  It guarantees the operation of the system by automatically starting the generator at set time periods, thus being able to detect possible faults (lack of fuel, lack of oil, faults in the electrical installation).