



AGT 96 DSEA THREE PHASE DIESEL GENSET



Voltage:	400V / 230V / 50 Hz
Power factor:	0.8 (~3) / 1(~1)
Max. power:	94 kVA (~3) / 31 (~1)
Speed:	1.500 rpm
Engine:	diesel, 4 cylinders, liquid cool
Engine power:	115 HP
Displacement:	4750 cm ³
Fuel:	diesel
Alternator:	synchronous, AVR
Motor-controller:	electronic
Fuel tank capacity:	150 l
Authonomy:	8.57 h at 85 kVA load
Starting system:	electric
Protection degree:	IP 23
Overall dimensions:	2380 mm × 990 mm × 1320 mm
Weight:	1250 kg



Standard equipment:

- SMARTGEN 4020N controller
- AVR alternator
- Electric starter, battery and charger
- Power cable connector
- Protection at overload, short circuit, low oil pressure and high temperature
- Protection door with lock and glass for controllers and magnethothermal switches
- Emergency switch

Optional:

- Glow plug
- Water preheating
- Automatic panel, 4 poles contactors.

SMARTGEN 4020N



The 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 also.
- **Digital measurements** 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 threshold 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).