



AGT 156 DSEA THREE PHASE DIESEL GENSET



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|---------------------|----------------------------------|
| Voltage: | 400V / 230V / 50 Hz |
| Power factor: | 0.8 (~3) / 1(~1) |
| Max. power: | 154 kVA (~3) / 51 kVA (~1) |
| Speed: | 1.500 rpm |
| Engine: | diesel, 6 cylinders, liquid cool |
| Engine power: | 185 HP |
| Displacement: | 6870 cm ³ |
| Fuel: | diesel |
| Alternator: | synchronous, AVR type |
| Speed regulator: | electronic |
| Fuel tank capacity: | 240 l |
| Authonomy: | 9 h at 140 kVA load |
| Starting system: | electric |
| Protection degree: | IP 23 |
| Overall dimensions: | 2920 mm x 1070mm x 1520 mm |
| Weight: | 1720 kg |



Standard equipment:

- AGT SMART 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 plugs
- Water preheating
- Automatic panel, 4 poles motorised contactors and floating battery charger

AGT SMART 4020N (STANDARD EQUIPMENT)



The AGT SMART 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).