



**GREEN POWER SYSTEMS s.r.l.**  
Loc Maiano Sn- 61028 CAPRAZZINO DI  
SASSOCORVARO (PU) ITALY  
Tel. +39 0722 726411 r.a. Fax. +39 0722 720092  
E-mail: info@greenpowergen.com  
www.greenpowergen.com

**Description and  
technical data**

## TECHNICAL DATA SHEET **GP 300 S/D**

### DESCRIPTION:

#### 1. STRUCTURE

- Model: *SILENCED ON SKID MOUNTED (70 dB(A) at 7 mt.)*
- Engine/alternator monoblock unit coupled through flexi-disc couplings, installed on a welded steel baseframe, complete with antivibration mountings
- Integrated fuel tank – 400 litres
- Soundproof enclosure and doors made of 20/10 sheet steel, soundproof material, internal silencer, inox-steel handles and hinges, external fuel tank cap with key, 4 lifting hooks, industrial painting;
- Fuel consumption: 198 gr/KWh
- Lead acid batteries: 24 V / 160 Ah
- Dimensions (mm): L= 4500 x W= 1450 x H= 2300 - weight (Kilos): 3900

#### 2. MANUAL ELECTRIC START PANEL:

- Magnetothermic circuit breaker
  - Power terminal board
  - Multimeter;
  - Engine safety device: high water temperature; low oil pressure; battery charger fault; low fuel level switch;
  - Emergency stop button;
  - Water temp. gauge;
  - Oil gauge;
  - Fuel level gauge;
- } with manual electrical panel only

### TECHNICAL DATA:

#### 1. EQUIPMENT SPECIFICATION (In accordance with ISO 8528/1)

- Standby power at cosfi 0.8 : 330 kVA
- Prime power at cosfi 0.8 : 300 kVA
- Standby power at cosfi 0.8 : 264 kW
- Prime power at cosfi 0.8 : 240 kW
- Frequency : 50 Hz
- Voltage available to the terminals : 400/230 V

#### 2. ENGINE

- Brand and model : DEUTZ BF6M 1015 CG2
- Diesel 4 stroke – water cooled – turbocharged with intercooled
- Mechanical governor
- Max power : 409 Hp
- R.P.M. : 1500
- Cylinders : 6
- Displacement : 11906 cc

#### 3. ALTERNATOR

- Brand and model : MECC-ALTE ECO38-2L/4 (OR SIMILAR BRAND)
- Synchronous with electronic governor
- Poles : 4
- Stator/rotator insulation : class H
- Protection level : IP21
- Continuous power (50 Hz) : 300 kVA

Project manager: Ing. Lorenzo Santucci