



GREEN POWER SYSTEMS s.r.l.
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**Description and
technical data**

TECHNICAL DATA SHEET **GP 300 A/D**

DESCRIPTION:

1. STRUCTURE

- Model: OPEN FRAME ON SKID MOUNTED
- Engine/alternator monoblock unit coupled through flexi-disc couplings, installed on a welded steel baseframe, complete with antivibration mountings; industrial painting; silencer;
- Integrated fuel tank – 300 litres
- Fuel consumption: 198 gr/KWh
- Lead acid batteries: 24 V / 160 Ah
- Dimensions (mm): L= 3200 x W= 1300 x H= 2300 - weight (Kilos): 2900

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;
 - Fuel level;
 - Water Temp. gauge;
 - Oil gauge;
- } with manual electrical panel only

TECHNICAL DATA:

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

- Standby power at cos ϕ 0.8 : 330 kVA
- Prime power at cos ϕ 0.8 : 300 kVA
- Standby power at cos ϕ 0.8 : 264 kW
- Prime power at cos ϕ 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