



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

## TECHNICAL DATA SHEET **GP 500 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 – 450 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: 195 gr/KWh
- Lead acid batteries: 24 V / 200 Ah
- Dimensions (mm): L= 5000 x W= 1900 x H= 2400 - weight (Kilos): 5400

#### 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 Temperature gauge;
  - Oil gauge;
- } with manual electric panel only

### TECHNICAL DATA:

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

- Standby power at cosfi 0.8 : 550 kVA
- Prime power at cosfi 0.8 : 500 kVA
- Standby power at cosfi 0.8 : 440 kW
- Prime power at cosfi 0.8 : 400 kW
- Frequency : 50 Hz
- Voltage available to the terminals : 400/230 V

#### 2. ENGINE

- Brand and model : DEUTZ BF8M 1015 CP
- Diesel 4 stroke – water cooled – turbocharged with intercooled
- Electronic governor
- Max power : 648 Hp
- R.P.M. : 1500
- Cylinders : 8
- Displacement : 15874 cc

#### 3. ALTERNATOR

- Brand and model : MECC-ALTE ECO40-3S (OR SIMILAR BRAND)
- Synchronous with electronic governor
- Poles : 4
- Stator/rotator insulation : class H
- Protection level : IP21
- Continuous power (50 Hz) : 500 kVA

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