

## Option A.

**MODEL: GSL42D Rent**▶ Soundproof  
▶ Manual Control Panel

QTY: 1

**General Features**

Prime Power (PRP in accordance with ISO8528-1): .....	39.3 KVA / 31.4 KW
Standby Power (LTP in accordance with ISO8528-1): .....	41.2 KVA / 33.0 KW
Power factor: .....	0.8
Number of phases: .....	III
Voltage: .....	400/230V
Frequency: .....	50Hz.
Fuel Consumption (100% load): .....	9.4 L/h
Autonomy: .....	8.3 h
Overall dimensions (LxWxH) [mm]: .....	2,000x920x1,300
Weight: .....	1024 Kg

**Engine Features:**

Manufacturer: .....	Deutz
Model: .....	BF4M2011
Cylinders: .....	4 in line.
Displacement: .....	3110 cc.
Engine governor type: .....	Mechanical
Net Brake power (flywheel): .....	36 KW
Cooling type: .....	Oil
Aspiration: .....	Turbo

**Alternator Features:**

Manufacturer: .....	Stamford
Model: .....	BC1 184J
Number of Poles: .....	4
Insulation Class: .....	H
Degree of protection: .....	IP23

**Coupling:**

The single bearing alternator described above is directly coupled to the engine flywheel housing with SAE adaptor and flexible disc.

The engine-alternator unit is assembled onto a solid steel base with the inclusion of composite rubber anti- vibration mounts fitted between the engine-alternator assembly and the underbase.

**Complete with:**

- ▶ **Soundproof canopy** designed to obtain a residual sound pressure level of  $64 \pm 3$  dB(A) measured at a distance of 7m as per ISO3744. Canopy realized in mono-block structure with detachable steel sheet panels, with access doors and lifting eye on the top. Color **Green Pramac**.
- ▶ Base-frame with suitable lifting points.
- ▶ **Galvanized skid base fully bundled** to retain all fluid leakages.
- ▶ **78 litre capacity fuel tank** incorporated within the baseframe. Fuel inlet with lockable cap.
- ▶ **Manual pump** for oil drain.
- ▶ **Manual analogical control panel** mounted on the side of the genset. It comprises:
  - Analogical instrumentation:
    - Voltmeter with selector (3 phase);



Figure 1 - Example of GSL30

- Ammeter with selector (3 phase);
- Frequency-meter;
- Battery voltage indication;
- Fuel level gauge;
- Oil pressure gauge;
- Engine temperature gauge;
- Key operated genset ON/OFF selector switch;
- Emergency stop button;
- Engine protection device including alarm and shutdown in event of battery charger failure, low oil pressure high engine temperature, low fuel level;
- Genset protection for over-frequency, over load and battery voltage out of limits.
- Terminal board for connection of power cables;
- Thermal-magnetic circuit breaker IV poles with differential protection.
- ▶ **Rental Kit.** It provides the features that make the genset suitable for most operation. Additional features are:
  - Three-way fuel changeover valve, for connection to an external fuel tank.
  - Fuel filter with water separator and drain plug.
  - Earth Rod with cable, made in galvanized angle profile. It is foreseen together with 5m copper cable.
  - Battery isolation switch to disconnect the battery supply when the generator is off.
  - Single key for all gensets lockable features.
  - Socket kit, comprising:
    - N. 1 x 400V/63Amps, 3P+N+PE CE socket;
    - N. 1 x 400V/32Amps, 3P+N+PE CE socket;
    - N. 3 x 230V/16Amps, 2P+PE CE socket.