

# OUTDOOR-440YC-DIESEL-TRI -Euro 3-



Non contractual photo

**Dimensions :**

L : 4250 mm

I : 1550 mm

H : 2385 mm

**Weight :** 5137 kg

## 1. GENERAL TECHNICAL DESCRIPTION - PRO20611

### GENERAL DATAS

<b>PRP Prime Rated Power</b>	400 kVA/320 kW	<b>Frequency</b>	50Hz
<b>ESP Emergency Standby Power</b>	440 kVA/352 kW	<b>Number of phases</b>	3
<b>Voltage</b>	400V	<b>Acoustic pressure level at 7m</b>	< 67dB(A)
<b>Power factor (cosΦ)</b>	0,8	<b>Autonomy at 75% load</b>	10 h
<b>Rotation speed</b>	1 500rpm	<b>Fuel tank capacity</b>	550L

### ENGINE

<b>Model</b>	YC6K520-D30
<b>Number of cylinders</b>	6
<b>Governor type</b>	Electronic
<b>Specifications</b>	4 stroke cycle engine, common rail injection , liquid-based cooling
<b>Displacement</b>	12,16L
<b>Maximum standby power at rated rotation 1500 tr/min</b>	382 kW
<b>Engine starting type</b>	Electrical 24 V
<b>Fuel consumption à 75%</b>	53,05 L/h

### ALTERNATOR

<b>Amperage</b>	580 A
<b>Technology</b>	Brushless, With Electronic Regulation
<b>Voltage regulation type</b>	Electronic
<b>IP code</b>	23
<b>Insulation class</b>	H

### CIRCUIT BREAKER

<b>Type</b>	Four poles thermal magnetic circuit breaker with adjustable differential switches
-------------	--



The ergonomic design of the control panel enables access to all main functions quickly and easily :

- Mechanical hour meter
- DEEP SEA control panel
- Alarms
- Manual/Automatic starting
- Main circuit breaker...



## 2. EQUIPEMENT

### 1. Socket box

Integrated, non-protruding socket box equipped with circuit breakers with differential protection for each socket A 4 pole thermo-magnetic circuit breaker with earth leakage protection secures the equipment.

#### Specifications :

- 1 5 pole 125A socket (IP67)
- 1 5 pole 63A socket (IP67)
- 4 5 pole 32A socket (IP55)
- 1 3 pole 16A socket (IP44)



### 2. DSE 7320 MKII Control panel



The DSE7320 MKII is a powerful Automatic Mains Failure generating set control panel with a sophisticated range of new features.

Equipped with a new Dual Core processor and extended memory, this module offers faster, more powerful processing power, faster operational responses in intensive applications and increased functionality, with the installation of a data logger.

By monitoring a higher number of engine parameters, the module displays warnings, shut-downs and information on engine status on the backlit LCD screen, on remote PC's and via SMS (with a remote communication device).

### 3. Why to choose a "GELEC OUTDOOR"

- Single point lift
- 1 battery isolator
- 2 three way valves for external tanks
- 1 manual drain pump
- 1 busbar
- Mechanical hour meter
- Supply "charge safety"

The YC Euro 3 engines are equipped with a BOSCH Common Rail injection system

