

OUTDOOR-110YC-DIESEL-TRI -Euro 3-



Non contractual photo

**Dimensions :**

L : 3 000 mm
I : 1 100 mm
H : 1 667,5 mm

Weight: 2 100 kg

1. GENERAL TECHNICAL DESCRIPTION - PRO20601

GENERAL DATAS

PRP Prime Rated Power	100 kVA/80 kW	Frequency	50Hz
ESP Emergency Standby Power	110 kVA/88 kW	Number of phases	3
Voltage	400V	Acoustic pressure level at 7m	< 65dB(A)
Power factor (cosΦ)	0,8	Autonomy at 75% load	15 h
Rotation speed	1 500rpm	Fuel tank capacity	216L

ENGINE

Model	YC4A140-D3A
Number of cylinders	4
Governor type	Electronic
Specifications	4 stroke cycle engine, common rail injection, liquid-based cooling
Displacement	4,84L
Maximum standby power at rated rotation 1500 tr/min	105 kW
Engine starting type	Electrical 24 V
Fuel consumption à 75%	14,06 L/h

ALTERNATOR

Amperage	144,50 A
Technology	Brushless, With Electronic Regulation
Voltage regulation type	Electronic
IP code	23
Insulation class	H

CIRCUIT BREAKER

Type	Four poles thermal magnetic circuit breaker with adjustable differential switches
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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...



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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)
- 1 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

