



LION-440YC-DIESEL-TRI-Série 2-Euro 3-



Dimensions :

L : 4 200 mm
l : 1 500 mm
H : 2 335 mm

Weight : 4 670 kg

PRODUCT CODE : PRO11651

1 - GENERAL DATAS

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| | | | |
|------------------------------------|----------------|--------------------------------------|----------|
| PRP Prime Running Power | 400 kVA/320 kW | Fréquency | 50 Hz |
| ESP Emergency Standby Power | 440 kVA/352 kW | Number of phases | 3 |
| Voltage | 230 400V | Acoustic pressure level at 7m | 76 dB(A) |
| Power factor (cosΦ) | 0,8 | Fuel tank autonomy at 75% | 16 h |
| Rotation speed | 1 500rpm | Fuel tank capacity | 850 L |

ENGINE

| | |
|---|---|
| Model | YC6K520-D30 |
| Number of cylinders | 6 |
| Governor type | Electronic |
| Specifications | 4 stroke cycle engine, direct fuel injection , liquid-based cooling |
| Displacement | 12,16 L |
| Maximum standby power at 1500 tr/min | 382 kW |
| Engine starting type | Electrical 24 V |
| Fuel consumption at 75% | 53,05 L/h |
| Air inlet system | Turbo-charged & intercooled |
| Oil capacity | 52 L |
| Radiator engine capacity | NC L |

ALTERNATOR GELEC

| | |
|--------------------------------|---------------------------------------|
| Amperage | 580 A |
| Technology | Brushless, With Electronic Regulation |
| AVR | STAMFORD |
| Voltage regulation type | Electronic |
| IP Protection | 23 |
| Insulation class | H |

CIRCUIT BREAKER

| | |
|-------------|---|
| Type | Four poles thermal magnetic circuit breaker with adjustable differential switches |
|-------------|---|

DEEPSEA CONTROLER



| | |
|---------------------|--|
| Model | DSE6020MKII |
| Applications | Automatic start / stop of generators , power losses detection, scheduler |

SET SCREW



LIFTING :

By forks or straps



Accessories not included

2 - AVAILABLE OPTIONS

1 - PLUGS SETS


Plugs sets integrated without flood (no projections) equipped with a circuit breaker for every single plugs, a differential switch and a stainless steel bulkheads.


Choice of :

- 1st Type : 3-phase plug 16A single phase 16A taken
- 2nd Type : Taken 32A + 16A three-phase 3-phase 16A taken
- 3rd Type : Taken 63A + 32A + 16A three-phase 3-phase 16A taken
- 4th Type : Powerlock



2 - TANK

| PEHD TANK | DESCRIPTION | DIMENSIONS/CAPACITY |
|--|---|--|
|  | aerial tank (tank applied for interior) Double skin, high density polyethylene (HDPE) containment tank completely sealed and stable. | 750L : 1200x660x1685 mm - 46kg 1000L : 1420x660x1885 mm - 59kg 1500L : 1720x770x1920 mm - 90kg 2000L : 2200x770x1800 mm - 145kg |

| GALVANIZED STEEL TANK | DESCRIPTION | DIMENSIONS/CAPACITY |
|---|--|---------------------------------------|
|  | Metallic tank (usually used for trailers) Double skin, integrated containment tank, HDPE inner pouch, galvanized steel outer shell. | 700L : 1135x757x1210 mm - 65kg |

According to the distance between the genset and the tank, a fuel transfer pump can be necessary.

3 - INTEGRATED SOURCE INVERTER



This system permit the automatic start of the genset in case of power failure.

Assembly comprising the board, the switch and the connection terminal board.

4 - OFFSET SOURCE INVERTER IN BOX

The offset source inverter in box is an option just from 9 to 180 kVA and standard from 200 kVA.