

Diesel genset



TIGER-90YC-DIESEL-TRI-Série 2-Euro 2-





Dimensions:

L:2610 mm I:1100 mm H:1400 mm

Weight: 1810 kg

PRODUCT CODE: PRO12238

1 - GENERAL DATAS

	GENE
PRP Prime Running Power	75 kVA/60 kW
ESP Emergency Standby Power	83 kVA/66 kW
Voltage	230 400V
Power factor (cosΦ)	0,8
Rotation speed	1 500rpm

ERAL DATAS			
1	Fréquency	50Hz	
/	Number of phases	3	
	Acoustic pressure level at 7m	< 63dB(A)	
	Fuel tank autonomy at 75%	20 h	
	Fuel tank capacity	216 L	

ENGINE			
Model	YC4A100Z-D20		
Number of cylinders	4		
Governor type	Electronic		
Specifications	4 stroke cycle engine, direct fuel injection, liquid-based cooling		
Displacement	4,837 L		
Maximum standby power at 1500 tr/min	66 kW		
Engine starting type	Electrical 24 V		
Fuel consumption at 75%	10,6 L/h		
Air inlet system	Turbo-charged intercooled		
Oil capacity	13 L		
Radiator engine capacity	NC L		

ALTERNATOR GELEC		
Amperage	115,6 A	
Technology	Brushless, With Electronic Regulation	
AVR	STAMFORD	
Voltage regulation type	Electronic	
IP Protection	23	
Insulation class	Н	

Type CIRCUIT BREAKER Four poles thermal magnetic circuit breaker with adjustable differential switches

DEEPSEA CONTROLER



Model

DSE6020MKII

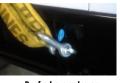
Applications

Automatic start / stop of generators , power losses detection, scheduler

SET SCREW



LIFTING:



By forks or strapsAccessories not included



Diesel genset

2 - AVAILABLE OPTIONS

1 - PLUGS SETS

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

Choice of:

- o 1rst Type: 3-phase plug 16A single phase 16A taken
- o 2nd Type: Taken 32A + 16A three-phase 3-phase 16A taken
- o 3rd Type: Taken 63A + 32A + 16A three-phase 3-phase 16A taken
- o 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
2	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 faillure.

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.



GELEC Energy
Head Office:
60 chemin Borie
13821 La Penne-sur-Huveaune (France)

Technical and commercial services : 7 rue du Bois 22120 Yffiniac (France) Tel:+33 (0) 2 96 70 75 75 Fax:+33 (0) 2 96 68 91 89 Email:contact@gelecenergy.com