

200kVA Generator

Model: GX222F



Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	400/230V	480/277V	POWER FACTOR	cos φ 0,8	cos φ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 70%	29.9 L/H	34 L/H
PRIME RATING	200 kVA	228 kVA	BUNDED DAY TANK	270L	
	160 kwe	182 kwe	DIMENSIONS	3000mm (L)	
				1400mm (W)	
				2000mm (H)	
			WEIGHT	2600Kg (Without Fuel)	
				2935Kg (With Fuel)	
			MAXIMUM OPERATING AMBIENT	40°C	
			SOUND LEVEL	@ 100% load	
				78 dBa @1m	
				68 dBa @7m	
			LIFTING ARRANGEMENTS		
			Single Point Lift	Y	
			Fork Pockets	Y	
STANDBY RATING	220 kVA	250 kVA			
	176 kwe	200 kwe			
CONTINUOUS RATING	200 kVA	228 kVA			
	160 kwe	182 kwe			

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capacity is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS5514.

Applicable for supplying power continuously to a constant electric load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.

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Engine

	1500rpm	1800rpm
MODEL	IVECO NEF67TE 2A	
MAX POWER @ 50HZ	175 KWm	195 KWm
ASPIRATION	TURBO	
COOLING SYSTEM	WATER	
SPEED GOVERNOR	ELECTRONIC	
CYLINDERS NUMBER	6	
DISPLACEMENT	6700 cm ³	

Alternator

	1500rpm	1800rpm
MODEL	MECC ALTE ECO38-25N/4	
MAXIMUM POWER @ 50HZ	200 kVA	240kVA
MAX EFFICIENCY	93 %	94 %
EXCITER	SELF EXCITED	
WIRES	12	
SHORT-CIRCUIT CURRENT	300%	350%
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 1%	
PHASES	3+ N	
PROTECTION	IP 21	
AVR	DSR	

Control System

MODEL	DEEP SEA 8610
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	Y
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	230V 1Ø
Via Connection Type	16A C FORM
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting ac	N
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	NS400
Current Rating	400 Amp
Motorised	Y
Trip Type	Micrologic 2.0
Bus Bars	Y
115A C Form 3 Phase Sockets	N
63A C Form 3 Phase Sockets	N
63A C Form single Phase Sockets	N
32A C Single Phase Sockets	N
16A C Single Phase Sockets	N
Road Towable Option	N

