

200kVA Generator

Model: HRFW-200 T5



Generator Set Data

	50Hz	60Hz		50Hz
VOLTAGE (V)	400/230V	420/277V	FUEL CONSUMPTION @100%	45.5 L/H
RPM	1500	1800	@80%	41.9 L/H
PRIME RATING	200 kVA	227 kVA	@50%	29.9 L/H
	160 kwe	182 kwe	BUNDED DAY TANK	450L
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.			DIMENSIONS	3360mm (L)
STANDBY RATING	220 kVA	250 kVA		1250mm (W)
	176 kwe	200 kwe	WEIGHT	1997mm (H)
				2415Kg (Without Fuel)
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.			MAXIMUM OPERATING AMBIENT	2865Kg (With Fuel)
CONTINUOUS RATING	200 kVA	228 kVA		40°C
	160 kwe	182 kwe	SOUND LEVEL	@ 75% load
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.				65 dBa @7m
POWER FACTOR	cos φ 0,8		LIFTING ARRANGEMENTS	82 DBA @1m
			Single Point Lift	Y
			Fork Pockets	Y

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Engine

	1500rpm
MODEL	NEF67 TE 3F
MAX POWER @ 50HZ	175 KWm
ASPIRATION	TURBO
COOLING SYSTEM	WATER
SPEED GOVERNOR	ELECTRONIC
CYLINDERS NUMBER	6
DISPLACEMENT	6700 cm ³
STAGE	3A

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	230
Via Connection Type	16A CFORM
Battery Charger	Y
Coolant Heater	Y
Enclosure Lighting ac	N

OUTPUT CIRCUIT BREAKER

Make	SCHNEIDER
Model	NX400N
Current Rating	400 Amp
Motorised	Y
Trip Type	MICROLOGIC 2.3
Bus Bars	Y

125A C Form 3 Phase Sockets	1
63A C Form 3 Phase Sockets	1
63A C Form single Phase Sockets	N
32A C Single Phase Sockets	4

Alternator

	1500rpm	1800rpm
MODEL	STAMFORD UCI274HI	
MAXIMUM POWER @ 50HZ	200kVA	240kVA
MAX EFFICIENCY	94 %	
EXCITER	PMG	
WIRES	12	
SHORT-CIRCUIT CURRENT	N/A	
POLES	4	
INSULATION	CLASS H	
VOLTAGE REGULATION	± 1.5%	
PHASES	3+ N	
PROTECTION	IP 23	
AVR	MX321	



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