

60kVA Generator

Model: HRFW-60 T5



Generator Set Data

	50Hz	60Hz		50Hz	60Hz
VOLTAGE (V)	415/230V	480/277V	POWER FACTOR	cos ϕ 0,8	cos ϕ 0,8
RPM	1500	1800	FUEL CONSUMPTION @ 70%	10.2 L/H	11.7 L/H
PRIME RATING	59 kVA	66 kVA	BUNDED DAY TANK	450L	
	48 kwe	53 kwe	DIMENSIONS	2810mm (L)	
MAX CURRENT	85.8 Amps			1150mm (W)	
				1940mm (H)	
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.			WEIGHT	1656Kg (Without Fuel)	2110Kg (With Fuel)
STANDBY RATING	63 kVA	72 kVA	MAXIMUM OPERATING AMBIENT	40°C	
	50 kwe	58 kwe	SOUND LEVEL	@ 100% load	
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.				87 dBa @1m	
CONTINUOUS RATING	59 kVA	66 kVA	LIFTING ARRANGEMENTS	70.1 dBa @7m	
	48 kwe	53 kwe	Single Point Lift	Y	
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.			Fork Pockets	Y	

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Engine

	1500rpm
MODEL	IVECO NEF45 SM 1A
MAX POWER @ 50HZ	59 KWm
ASPIRATION	TURBO
COOLING SYSTEM	WATER
SPEED GOVERNOR	MECHANICAL
CYLINDERS NUMBER	4
DISPLACEMENT	4500 cm ³

Alternator

	1500rpm	1800rpm
MODEL	MECC ALTE ECP32 2L4	
MAXIMUM POWER @ 50HZ	63kVA	75kVA
MAX EFFICIENCY	90 %	93 %
EXCITER	AUX WINDING	
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 7410
CONTROL FUNCTIONS	
Manual Start	Y
Auto Start	Y
Set to Set Paralleling	N
Utility Paralleling	N
AUXILIARY SUPPLY	
Voltage	Y230
Via Connection Type	16A
Battery Charger	Y
Coolant Heater	N
Enclosure Lighting ac	N
OUTPUT CIRCUIT BREAKER	
Make	SCHNEIDER
Model	C120N
Current Rating	80 Amp
Motorised	N
Trip Type	RCD
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
16A C Single Phase Sockets	N
Road Towable Option	Y



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