

Technical Data Sheet

Technical Information		
Standby Power (ESP)	kVA	132
	kW	105.6
Prime Power (PRP)	kVA	120
	kW	96
Power Factor	cos ϕ	0,8
Frequency	Hz	50
Voltage	V	230/400

Standby Power (ESP)

Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

Prime Power (PRP)

Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.



Weight and Dimensions		
Length	mm	2900
Width	mm	1100
Height	mm	1600
Weight	kg	1750
Fuel tank capacity	Liters	260
Model	Soundproof canopy	

Engine		FPT Iveco
Model	-	N45 TM3
No. of cylinders	-	4 in line
Engine Capacity	c.c.	4500
Bore	mm	104
Stroke	mm	132
Governor type	-	Mechanic
Cooling system	-	Water
Speed	rpm	1500
Engine Gross Power	kWm	118
Lubrication Oil Capacity	liters	12,8
Coolant Capacity	liters	18,5
Water jacket heater	-	Yes
Battery charger	-	Yes
Fuel Consumption	100%	27,6 L/h
	80%	21,6 L/h
	50%	14,4 L/h

Alternator		WEG
Model	-	251AIHD
Power (Standby)	kVA	150
Excitation System	-	AVR, Brushless
Degree of Protection	-	IP 23

Control panel		Deep Sea - UK
Instruments	Alarms	
Voltmeter	Start-up failure	
Ammeter	Battery charge failure	
Frequency meter	Low oil pressure	
Hour meter	High engine water temperature	
Events history	Low Fuel Level	
Display LCD+LED	Emergency Stop	
Communication port	Over speed	

- Product certified according ISO 9001, ISO 14001 and CE standards.
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