

Technical Data Sheet

Technical Information		
Standby Power (ESP)	kVA	220
	kW	176
Prime Power (PRP)	kVA	200
	kW	160
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	3500
Width	mm	1250
Height	mm	1900
Weight	kg	2400
Fuel tank capacity	Liters	350
Model	Soundproof canopy	

Engine		Doosan
Model	-	P086TI
No. of cylinders	-	6 in line
Engine Capacity	c.c.	8071
Bore	mm	111
Stroke	mm	139
Compression ratio	-	16,4:1
Cooling system	-	Water
Governor type	-	Electronic
Speed	rpm	1500
Engine Gross Power	kWm	199
Lubrication Oil Capacity	liters	15,5
Coolant Capacity	liters	44
Water jacket heater	-	Yes
Battery charger	-	Yes
Fuel Consumption	100%	48,4 L/h
	75%	35,5 L/h
	50%	23,7 L/h

Alternator		WEG
Model	-	250SI10AI
Power (Standby)	kVA	240
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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