

## Technical Data Sheet

Technical Information		
Standby Power (ESP)	kVA	625
	kW	500
Prime Power (PRP)	kVA	570
	kW	456
Power Factor	cos $\phi$	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	5400
Width	mm	1650
Height	mm	2250
Weight	kg	5400
Fuel tank capacity	Liters	900
Model	Soundproof canopy	

<b>Engine</b>		<b>Perkins - UK</b>
Model	-	2806A E18TAG1A
No. of cylinders	-	6 in line
Engine Capacity	c.c.	18130
Bore	mm	145
Stroke	mm	183
Compression ratio	-	14,5:1
Cooling system	-	Water
Speed	rpm	1500
Engine Gross Power	kWm	592
Lubrication Oil Capacity	liters	62
Coolant Capacity	liters	61
Water jacket heater	-	Yes
Battery charger	-	Yes
Fuel Consumption	100%	111 L/h
	75%	81 L/h
	50%	55 L/h

<b>Alternator</b>		<b>Marelli - Italy</b>
Model	-	MJB355SB4
Power (Standby)	kVA	625
Excitation System	-	AVR, Brushless
Degree of Protection	-	IP 23

<b>Control panel</b>		<b>Deep Sea - UK</b>
<b>Instruments</b>	<b>Alarms</b>	
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 RS 232 + RS 485	Over speed	

- Product certified according ISO 9001, ISO 14001 and CE standards.
- The information and images contained in this document are for general purposes and are subject to change without prior notice.



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