

Technical Data Sheet

Technical Information

Standby Power (ESP)	kVA	654
	kW	523
Prime Power (PRP)	kVA	594
	kW	475
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	4500
Width	mm	1850
Height	mm	2650
Weight	kg	5200
Fuel tank capacity	Liters	1000
Model		Soundproof canopy
Noise level (at 7m)	dB	105

Engine		Volvo
Model	-	TAD1642GE
No. of cylinders	-	6 in line
Engine Capacity	c.c.	16100
Bore	mm	144
Stroke	mm	165
Compression ratio	-	16,5:1
Cooling system	-	Water
Speed	rpm	1500
Engine Gross Power	kWm	553
Lubrication Oil Capacity	liters	48
Coolant Capacity	liters	60
Water jacket heater	-	Yes
Battery charger	-	Yes
Fuel Consumption	100%	121,2 L/h
	75%	89,5 L/h

Alternator		Sincro - Italy
Model	-	SK355LS
Power (Standby)	kVA	660
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 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.



MARRO ELECTRIC SYSTEMS

Bucharest, Romania

office@marro.ro

www.marro.ro