



KSR 220

220 kVA RICARDO SERIES ENGINE GENSET



GENERAL SPECIFICATIONS

Standby Power	kVA	220
	kW	175
Prime Power	kVA	198
	kW	158
Frequency	Hz	50
Rated Speed	rpm	1500

FUEL CONSUMPTION

% 100 Fuel Consumption	lt/h	41
% 75 Fuel Consumption	lt/h	35
% 50 Fuel Consumption	lt/h	20,6

GENSET DIMENSION and WEIGHT

CANOPY TYPE

Length	(L)	mm	3100
Width	(W)	mm	1100
Height	(H)	mm	1750
Weight	(H)	kg	1590
Fuel Tank Capacity	lt		270

OPEN TYPE

Length	(L)	mm	3100
Width	(W)	mm	1100
Height	(H)	mm	1500
Weight	(H)	kg	1290
Fuel Tank Capacity	lt		270

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TECHNICAL SPECIFICATIONS

ENGINE

(ESP) Standby Power	kW/kVA	165/206,3
(PRP) Prime Power	kW/kVA	157/187,5
Brand		Ricardo
Model		R6113ZLD
Type		4 Stroke
Injection Type		Direct
Cylinder Bore and Stroke	mm	113*125
Displacement	lt	7,52
Compression Ratio		17:01
Aspiration Type		Natural
Rated Speed	rpm	1500
Total Oil Capacity	lt	16
Total Coolant Capacity	lt	30
Cooling System		Water Cooled
Governor Type		Mechanical

ALTERNATOR

Brand		KOCSAN
Model		S274G160D9
Phase		3
Output Voltage	V	230 / 400
Frequency	Hz	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	220
Power Factor	Cos ϕ	0,8
Protection Class		IP 22
Insulation Class		H
Overload Running Time		%110 for 1 hour
Efficiency with Cos ϕ :0,8 and %75 Load	%	88

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TECHNICAL SPECIFICATIONS

CANOPY and CASE

- Easy Lifting and Carrying Design
- Emergency Stop Push Button Mounted on Exterior Casing
- Electrostatic Polyester Powder Coated Paint
- Special Design for Minimizing Acoustic Level
- Transparent Cover for Monitoring Control Unit
- Vibration Insulator

D300 CONTROL UNIT

- Webbased Control Unit with Additional External Slot
- Parameter Regulation via USB, RS-232 and GPRS
- CANBUS-J19398 & MPU Input
- 8 pcs. Configurable Digital Inputs
- 6 pcs. Configurable Digital Outputs
- 3 pcs. Configurable Service Alarm
- 3 pcs. Configurable Analog Inputs
- Language Configuration
- Weekly Working Program
- Free PC Configuration Software
- Remote / Manuel Start Controller
- ATS & AMF with Uninterrupted Transfer
- Modbus RTU
- Modbus TCP/I
- Internet Central Monitoring (Optional)
- Sms & E-mail Sending (Optional)

OPTIONAL EQUIPMENTS

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|-----------------------------------|------------------------------------|
| - Super Silent Canopy | - Different Canopy and Case Colour |
| - Trailer | - Fuel & Oil Heater |
| - Automatic Fuel Filling System | - External Fuel Tank |
| - Remote Monitoring | - Electronic Governor |
| - 3P / 4P Circuit Breaker | - 3P / 4P ATS Panel |
| - Synchronization System | - Expandable Fuel Tank |
| - Alternator with Two AVR and PMG | - Fuel / Water Separation Filter |